## 1) Aim: Program To Check Whether Given Number Is Palindrome Or Not palindrome5.py - Z:\palindrome5.py (3.7.3) File Edit Format Run Options Window Help num=int(input("Enter a Number:")) temp=num rev=0 while(num>0): rev=(rev\*10)+num%10 num=num//10 if(temp==rev): print("Given number is Palindrome") print("Given number is not palindrome") **Output:** Python 3.7.3 (v3.7.3:ef4ec6ed12, Mar 25 2019, 21:26:53) [MSC v.1916 32 bit (Intel)] on win32 Type "help", "copyright", "credits" or "license()" for more information. Enter a Number:525 Given number is Palindrome 2) Aim: Program To Check Weather Given String Is Palindrome Or Not 📝 string palindrome6.py - Z:\string palindrome6.py (3.7.3) П File Edit Format Run Options Window Help str1=input("Enter a string: ") print("Given string is :",str1) print("Reversed string is:",str1[::-1]) if str1==str1[-1::-1]: print("Given string is palindrome") else: print("Given string is not palindrome") **Output:** ======== RESTART: Z:\string palindrome6.py ==================MA Enter a string: MADAM Given string is: MADAM Reversed string is: MADAM Given string is palindrome >>> 3) Aim: Read A Text File Line By Line And Display Each Word Separated By # sample - Notepad П File Edit Format View Help welcome to python file handling concept now we ineteract with text file illehandling1.py - Z:\filehandling1.py (3.7.3) File Edit Format Run Options Window Help myfile=open(r"Z:\sample.txt","r") a=myfile.readlines() for i in range(len(a)): b=a[i].split() print("#".join(b)) myfile.close() **Output:**

welcome#to#python#file#handling#concept

now#we#ineteract#with#text#file

>>>

4) Aim: Read a text file and display the number of vowels/consonants/uppercase/lowercase characters in the file.

```
File Edit Format View Help
welcome to python file handling concept
now we ineteract with text file
a flehandling2.py - Z:\flehandling2.py (3.7.3)
                                                                                   File Edit Format Run Options Window Help
myfile=open(r"Z:\sample.txt","r")
vow=con=up=lo=0
b=myfile.read()
for i in b:
  if i.isalpha():
    if i in ["a","e","i","o","u","A","E","I","O","U"]:
      vow+=1
    else:
      con+=1
  if i.isupper():
    up+=1
  elif i.islower():
    lo+=1
print("no of vowels",vow)
print("no of consonants",con)
print("no of uppercase",up)
print("no of lower case",lo)
Output:
     no of vowels 21
     no of consonants 39
     no of uppercase 0
     no of lower case 60
```

5) Aim: Remove all the lines that contain the character a' in a file and write it to another file

welcome to python file handling concept now we ineteract with text file third line third line third line fourth line

```
🕞 flehandling3.py - Z:\flehandling3.py (3.7.3)
                                                                                                     File Edit Format Run Options Window Help
myfile=open(r"Z:\sample3.txt","r")
myfile1=open(r"Z:\sample32.txt","w")
a=myfile.readlines()
a1=a
for i in range(len(a)):
  if "a" in a[i]:
     myfile1.write(a[i])
    a1[i]=""
myfile.seek(0)
myfile.close()
myfile2=open(r"Z:\sample3.txt","w")
myfile2.writelines(a1)
myfile2.close()
myfile1.close()
```

**Output:** 

\*sample3 - Notepad

sample - Notepad

**6)** Aim: Create a binary file with name and roll number. Search for a given roll number and display the name, if not found display appropriate message.

```
*binaryfile4.py - Z:\binaryfile4.py (3.7.3)*
                                                                                                       ×
File Edit Format Run Options Window Help
import pickle
myfile=open(r"Z:\sample4.dat", "wb+")
a={}
found=False
for i in range(5):
  roll=int(input("enter the roll num"))
  name=input("enter the name")
  a["roll"]=roll
  a["name"]=name
  pickle.dump(a,myfile)
myfile.seek(0)
c=int(input("enter the roll no to search"))
  while True:
     b=pickle.load(myfile)
     if b["roll"]==c:
        print (b)
        found=True
except EOFError:
  if found:
        myfile.close()
  else:
        print("student details not found")
        myfile.close()
```

### **Output:**

```
Enter the roll num: 101
Enter the name: ANU
Enter the name: BINCY
Enter the roll num: 103
Enter the name: CHARLES
Enter the roll num: 104
Enter the roll num: 105
Enter the roll num: 105
Enter the roll num: 105
Enter the name: SINI
Enter the roll no to search: 104
{'roll': 104, 'name': 'HIRA'}
>>>|
```

7) Aim: Create A Binary File With Roll Number, Name And Marks. Input A Roll Number And Update The Marks.

```
import pickle
emp1={"rollno":101,"name":"student1","Marks":90}
emp2={"rollno":102,"name":"student2","Marks":56}
emp3={"rollno":103,"name":"student3","Marks":97}
emp4={"rollno":104,"name":"student4","Marks":19}
emp5={"rollno":105,"name":"student5","Marks":95}
emp6={"rollno":105,"name":"student5","Marks":95}
emp7={"rollno":106,"name":"student6","Marks":95}
emp8={"rollno":107,"name":"student6","Marks":97}
emp8={"rollno":107,"name":"student7","Marks":97}
emp8={"rollno":108,"name":"student8","Marks":99}
myfile=open(r"Z:/student.dat","wb")
pickle.dump(emp1,myfile)
pickle.dump(emp2,myfile)
pickle.dump(emp3,myfile)
pickle.dump(emp5,myfile)
pickle.dump(emp5,myfile)
pickle.dump(emp6,myfile)
pickle.dump(emp6,myfile)
pickle.dump(emp7,myfile)
pickle.dump(emp8,myfile)
pirin("succesful")
myfile.close()
```

### Output:-

```
>>>
                             ===== RESTART: Z:/binary file 8.py =====
              succesful
              >>>
         binary file 8-2.py - Z:/binary file 8-2.py (3.7.3)
                                                                                                     File Edit Format Run Options Window Help
         import pickle
         user=int(input("Enter roll no you want to search: "))
         m=int(input("update the marks"))
            myfile=open(r"Z:/student.dat","rb+")
            while True:
              temp=myfile.tell()
              a=pickle.load(myfile)
              if a["rollno"]==user:
                myfile.seek(temp)
                a["Marks"]=m
                 pickle.dump(a,myfile)
              print (a)
         except FileNotFoundError:
            print("please check the file name")
         except EOFError:
            myfile.close()
         Output:-
                     Enter roll no you want to search: 103
                update the marks100
                {'rollno': 101, 'name': 'student1', 'Marks': 90}
                {'rollno': 102, 'name': 'student2', 'Marks': 56}
                {'rollno': 103, 'name': 'student3', 'Marks': 100}
                {'rollno': 104, 'name': 'student4', 'Marks': 19}
                {'rollno': 105, 'name': 'student5', 'Marks': 95}
                {'rollno': 106, 'name': 'student6', 'Marks': 92}
                {'rollno': 107, 'name': 'student7', 'Marks': 57}
                {'rollno': 108, 'name': 'student8', 'Marks': 99}
               >>>
8) Aim: Write A Program To Perform Read And Write Operations On A Text File
         *textfile9.py - Z:/textfile9.py (3.7.3)*
         File Edit Format Run Options Window Help
         fileobject=open("Z:/report.txt","w+")
         print ("WRITING DATA IN THE FILE")
         print()
         while True:
            line=input ("Enter a sentence: ")
            fileobject.write(line)
            fileobject.write('\n')
            choice=input("DO YOU WISH TO ENTER MORE DATA? (Y/N): ")
            if choice in ('n',"N"):break
         print("The byte position of file object is", fileobject.tell())
         fileobject.seek(0)
         print()
         print("READING DATA FROM THE FILES")
         str=fileobject.read()
         print(str)
         fileobject.close()
         Output:
                         WRITING DATA IN THE FILE
                Enter a sentence: WELCOME TO PYTHON PROGRAMMING
                DO YOU WISH TO ENTER MORE DATA? (Y/N): N
                The byte position of file object is 31
                READING DATA FROM THE FILES WELCOME TO PYTHON PROGRAMMING
```

9) Aim: Program to enter two numbers and print the arithmetic operations like +,-,\*,/,// and %. arithmetic operations7.py - Z:\arithmetic operations7.py (3.7.3) File Edit Format Run Options Window Help num1 = int(input("Enter First number:")) num2 = int(input("Enter Second number:")) add = num1 + num2dif = num1 - num2 mul = num1 \* num2 div = num1 / num2 floor div = num1 // num2 power = num1 \*\* num2 modulus = num1 % num2 print("sum of", num1, "and", num2, "is: ",add) print("Difference of", num1, "and", num2, "is: ", dif) print("product of", num1, "and", num2, "is: ", mul) print("Division of" ,num1 ,"and" ,num2 ,"is: ",div) print("Floor Division of", num1, "and", num2, "is: ",floor\_div) print("Exponent of" ,num1 ,"and" ,num2 ,"is: ",power) print("Modulus of", num1, "and", num2, "is:", modulus) **Output:** ======= RESTART: Z:\arithmetic operations7.py ========= Enter First number:10 Enter Second number:5 sum of 10 and 5 is: 15 Difference of 10 and 5 is: 5 product of 10 and 5 is: 50 Division of 10 and 5 is: 2.0 Floor Division of 10 and 5 is: 2 Exponent of 10 and 5 is: 100000 Modulus of 10 and 5 is: 0 >>> 10) Aim: Write a program to find whether an inputted number is perfect or not. \*perfect number 10.py - Z:/perfect number 10.py (3.7.3)\* File Edit Format Run Options Window Help n = int(input("Enter any number : ")) sum1 = 0for i in range(1, n): if(n % i == 0):sum1 = sum1 + iif (sum1 == n): print("The number is a perfect number!") print("The number is not a perfect number!") **Output:** >>>

# 11) Aim: Write a Program to check if the entered number is Armstrong or not. \*Armstrong 11.py - Z:\Armstrong 11.py (3.7.3)\* File Edit Format Run Options Window Help no=int(input("Enter any number to check: ")) no1 = nosum = 0while (no>0): ans = no % 10; sum = sum + (ans \* ans \* ans) no = int (no / 10)if sum == no1: print("Armstrong Number") else: print("Not an Armstrong Number") **Output:** >>> Enter any number to check: 371 **Armstrong Number** >>> Enter any number to check: 1234 Not an Armstrong Number 12) Aim: Write a Program to find factorial of the entered number. \*factorial 12.py - Z:/factorial 12.py (3.7.3)\* □ × File Edit Format Run Options Window Help num = int(input("Enter the number for calculating its factorial : ")) fact = 1i = 1while i<=num: fact = fact\*i i = i + 1print("The factorial of ",num,"=",fact) **Output:** Enter the number for calculating its factorial: 5 The factorial of 5 = 120

Enter the number for calculating its factorial: 3

The factorial of 3 = 6

>>>

13) Write a program to enter the number of terms and top print the fibonacci series

```
*fibnoci14.py - Z:\fibnoci14.py (3.7.3)*
File Edit Format Run Options Window Help
nterms = int(input("How many terms? "))
n1,n2 = 0, 1
count = 0
if nterms <= 0:
  print("Please enter a positive integer")
elif nterms == 1:
  print("Fibonacci sequence upto",nterms,":")
  print(n1)
else:
  print("Fibonacci sequence:")
  while count < nterms:
     print(n1)
     nth = n1 + n2
     n1 = n2
     n2 = nth
     count += 1
```

**Output:** 

14) Write a random number generator that generates random numbers between 1 and 6(simulates a dice)

```
*random number 13.py - Z:/random number 13.py (3.7.3)*
File Edit Format Run Options Window Help
import random
while True:
  num=random.randint(1,6)
  if num==6:
     print("Hey.....you got",num,".....Congratulations!!!")
  elif num==1:
       print("Well tried......But you got ",num)
  else:
          print("You got: ",num)
  print(num)
  ch=input("Roll again ? (Y/N)")
  if ch in 'Nn':
     break
  print("Thanks for playing !!!!!!!")
```

**Output:** 

15) Write a python program to implement a stack using a list data structure.

Print the elements in the stack ['one', 'Two', 'Three', 'Four', 'Five']

pop 1 Five

After performing first pop ['one', 'Two', 'Three', 'Four']

After performing second pop ['one', 'Two', 'Three']

>>>

16)Create a CSV file by entering user- id and password, read and search the password for given user-id

```
*csvfile.py - C:/Users/jnvm22/AppData/Local/Programs/Python/Python37-32/csvfile.py (3.7.3)

File Edit Format Run Options Window Help
import csv
def write ():
  f=open("details.csv", "w",newline="')
  wo=csv.writer(f)
  wo.writerow (["UserId", "Password"])
  while True:
     u_id=input("Enter User - Id : ")
     pswd=input("Enter Password : ")
     data=[u_id,pswd]
     wo.writerow(data)
     ch=input("Do you want to enter more record (Y/N):")
     if ch in 'Nn':
        break
  f.close()
def read():
     f=open("details.csv","r")
     ro=csv.reader (f)
     for i in ro:
       print(i)
def search():
     f=open("details.csv", "r")
     Found=0
                                                                                                                      Go to Settings to activate Windows
     u=input("Enter user- id to Search: ")
     ro=csv.reader (f)
     next(ro)
     for i in ro:
       if i[0]==u:
          print(i[1])
          Found=1
     f.close()
     if Found==0:
             print("Sorry...No record found..")
write()
read()
search()
```

## **Output:**

>>>

RESTART: C:/Users/jnvm22/AppData/Local/Programs/Python/Python37-32/csvfile.py

Enter User - Id : JNV HASSAN Enter Password : MANAVI

Do you want to enter more record (Y/N): N

['UserId', 'Password']
['JNV HASSAN', 'MANAVI']

Enter user- id to Search: JNV HASSAN

**MANAVI** 

>>>

RESTART: C:/Users/jnvm22/AppData/Local/Programs/Python/Python37-32/csvfile.py

['UserId', 'Password']
['JNV HASSAN', 'MANAVI']
Enter user- id to Search: ABC
Sorry...No record found..

>>>

### 17) Create a student table and insert data. Implement the following SQL commands on the student table:

- o ALTER table to add new attributes / modify data type / drop attribute
- UPDATE table to modify data
- o ORDER By to display data in ascending / descending order
- DELETE to remove tuple(s)
- o GROUP BY and find the min, max, sum, count and average

### **Creating Database**

```
mysql> create database class12cs;
Query OK, 1 row affected (0.10 sec)
```

### **Use Database**

```
mysql> use class12cs;
Database changed
mysql>
```

### **Create Table**

mysql> Create table student (Rno int primary key, Name varchar(10) NOT NULL,Gender varchar(8),Marks int,Scode varchar(5)); Query OK, 0 rows affected (1.48 sec)

### **Structure of Table**

```
mysql> Desc student;
 Field
        Type
                       | Null | Key | Default | Extra
                               PRI
 Rno
          int
                        NO
                                     NULL
          varchar(10)
 Name
                        NO
                                      NULL
 Gender | varchar(8)
                        YES
                                     NULL
 Marks
          int
                        YES
                                     NULL
        varchar(5)
 Scode
                        YES
                                     NULL
5 rows in set (0.20 sec)
```

### Insert Values

```
mysql> Insert into student values(1,'Neha','Female',100,'S101');
Query OK, 1 row affected (0.09 sec)

mysql> Insert into student values(2,'Ammu','Female',90,'S101');
Query OK, 1 row affected (0.08 sec)

mysql> Insert into student values(3,'Kavitha','Female',80,'S102');
Query OK, 1 row affected (0.06 sec)

mysql> Insert into student values(4,'Manu','male',70,'S103');
Query OK, 1 row affected (0.09 sec)

mysql> Insert into student values(5,'Ram','male',60,'S104');
Query OK, 1 row affected (0.07 sec)

mysql> Insert into student values(6,'Raju','male',50,'S105');
Query OK, 1 row affected (0.07 sec)
```

### **Select All row**

```
mysql> Select * from student ;
 Rno | Name
                | Gender | Marks | Scode
   1
       Neha
                  Female
                              100
                                    S101
       Ammu
                  Female
                               90
                                    S101
       Kavitha
                  Female
                               80
                                    S102
                               70
       Manu
                  male
                                    S103
       Ram
                  male
                               60
                                    S104
                                    S105
       Raju
                  male
                               50
 rows in set (0.00 sec)
```

### Select particular row

### Select using between operator

### Alter table (add new columns)

```
mysql> Alter table student add column(contactNo varchar(15),Address char(10));
Query OK, 0 rows affected (0.23 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

### Alter table (Remove column)

```
mysql> Alter table student drop contactNo;
Query OK, 0 rows affected (0.12 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

## **Alter table (modify Data type)**

```
mysql> Alter table student modify marks decimal;
Query OK, 6 rows affected (0.27 sec)
Records: 6 Duplicates: 0 Warnings: 0
mysql> desc student;
  Field
            Type
                                | Null | Key | Default | Extra |
  Rno
              int
                                   NO
                                           PRI
                                                   NULL
              varchar(10)
                                  NO
                                                   NULL
  Name
            varchar(8)
decimal(10,0)
  Gender
                                   YES
                                                   NULL
  marks
                                   YES
                                                   NULL
  Scode | varchar(5)
Address | char(10)
                                   YES
                                                   NULL
                                   VES
                                                   NULL
 rows in set (0.06 sec)
```

### **Update Command**

```
mysql> Update student set Address = 'sector 18';
Query OK, 6 rows affected (0.13 sec)
Rows matched: 6 Changed: 6 Warnings: 0
mysql> SELECT * FROM STUDENT;
 Rno
      Name
                 | Gender | marks | Scode | Address
                              100
                                    5101
                                            sector 18
sector 18
        Neha
                  Female
    1
    2
        Ammu
                  Female
                               90
                                     S101
    3
        Kavitha
                  Female
                               80
                                     S102
                                             sector 18
        Manu
                  male
                               70
                                    S103
                                            sector 18
                                             sector 18
                  male
                                     S104
    5
        Ram
                               60
                                           sector 18
    6
        Raju
                  male
                               50
                                    S105
  rows in set (0.00 sec)
```

### Update particular row mysql> Update student set address= 'secto Query OK, 2 rows affected (0.08 sec) Rows matched: 2 Changed: 2 Warnings: 0 sector 10' where scode='s101' mysql> SELECT \* FROM STUDENT; Rno | Name | Gender | marks | Scode | Address sector 10 sector 10 Female 100 S101 Neha Female Ammu 90 S101 Female sector 18 Kavitha 80 5102 male sector 18 Manu 70 S103 male 60 S104 sector 18 Ram Raju male 50 S105 sector 18 in set (0.00 sec) Order by name Ascending order

```
mysql>
mysql> Select * from student order by name ASC;
                  | Gender | marks | Scode | Address
 Rno | Name
                                               sector 10
sector 18
        Ammu
                   Female
                                 90
                                      S101
        Kavitha
                   Female
                                 80
                                       S102
                                 70
                                       S103
                                               sector 18
        Manu
                   male
                    Female
                                100
                                       5101
                                               sector 10
        Neha
        Raju
                                                sector 18
    6
                   male
                                 50
                                       S105
    5
        Ram
                   male
                                 60
                                       S104
                                               sector 18
6 rows in set (0.00 sec)
```

### Order by marks Descending order

```
mysql> Select name,marks from student order by marks desc;
          | marks |
 name
               100
 Neha
  Ammu
                90
 Kavitha
               80
 Manu
               70
 Ram
               60
 Raju
               50
6 rows in set (0.00 sec)
```

### Delete particular row

mysql> Delete from student where Rno=6; Query OK, 1 row affected (0.04 sec)

### **GROUP BY**

```
mysql> Select gender,count(*) from student GROUP BY Gender;
 gender | count(*) |
 Female |
 male
2 rows in set (0.02 sec)
```

### Select maximum mark

```
mysql> Select max(marks) from student;
 max(marks) |
        100
1 row in set (0.00 sec)
```

### Select minimum mark

```
mysql> Select min(marks) from student;
 min(marks)
         60
1 row in set (0.00 sec)
```

### Average function

```
mysql> Select avg(marks) from student;
 avg(marks)
    80.0000
1 row in set (0.00 sec)
```

### **Count function**

```
mysql> Select scode,count(*) from student GROUP BY Scode;

+----+
| scode | count(*) |

+----+
| $101 | 2 |
| $102 | 1 |
| $103 | 1 |
| $104 | 1 |

+----+
4 rows in set (0.00 sec)
```

### **HAVING Clause**

### Create new table

mysql> Create table stream(Scode varchar(5) primary key,Sname varchar(15)); Query OK, 0 rows affected (0.88 sec)

### **Insert values**

```
mysql> Insert into stream values('s101','Non Medical');
Query OK, 1 row affected (0.06 sec)

mysql> Insert into stream values('s102','Medical');
Query OK, 1 row affected (0.10 sec)

mysql> Insert into stream values('s103','Commerce');
Query OK, 1 row affected (0.05 sec)

mysql> Insert into stream values('s104','Art');
Query OK, 1 row affected (0.05 sec)
```

### Table Join

18) Write a python program to connect with database, search the records from the table based on the rollno and display the details of the student.

**DATABASE: FILE** 

### **TABLE NAME: STUDENT**

```
a sql 18.py - Z:\sql 18.py (3.7.3)
File Edit Format Run Options Window Help
import mysql.connector
con=mysql.connector.connect(host="localhost", user="root", password="1234", database='file', charset='utf8')
if con.is connected():
  print("Connection succeesful.....")
  print("Ooops....could not connect")
cur=con.cursor()
found=0
cur.execute("select * from student where Rno=9")
data=cur.fetchall()
for i in data:
  print (i)
  found=1
if found==0:
  print("No Record Found")
```

### **Output:**

19) Write a python Program to connect with database, insert records entered by the user in a table and display all the records.

```
×
*sal 18.pv - Z:/sal 18.pv (3.7.3)*
File Edit Format Run Options Window Help
import mysql.connector
con=mysql.connector.connect(host="localhost", user="root", password="1234", database='file', charset='utf8')
if con.is connected():
  print("Connection succeesful......")
  print("Ooops....could not connect")
cur=con.cursor()
r=int(input("Enter Roll No:"))
n=input("Enter Name: ")
query="insert into student values\
(%s, '%s')"%(r,n)
print(query)
cur.execute(query)
con.commit()
print("Records inserted successfully......")
cur.execute("select * from student")
data=cur.fetchall()
print(data)
```

### Output

20) Write a python program to update the student MARK on table based on the Rollno given by the user . If record not found display the appropriate message.

DATABASE : FILE TABLE NAME : STUDENT

```
File Edit Format Run Options Window Help
import mysql.connector as my
a=my.connect(host='localhost',user='root',password='1234',database='file')
ans='v'
while ans.lower()=='y':
    b=a.cursor()
    r=int(input("ENTER THE ROLLNO YOU WANT TO UPDATE:"))
    q1="select * from student where Rno={}".format(r)
    b.execute(q1)
    e=b.fetchall()
    d=b.rowcount
    if d!=0:
      nm=int(input('ENTER THE NEW MARK:'))
      q2='UPDATE STUDENT SET MARK={} WHERE Rno={}'.format(nm,r)
      b.execute(q2)
      a.commit()
      print('RECORD UPDATED SUCCESSFULLY WITH NEW MARK')
       print('RECORD NOT FOUND')
    ans=input('DO YOU WANT TO UPDATE ANOTHER RECORD (Y/N):')
a.close()
```

21) Write a python program to delete the particular record from the table based on the Rollno given by the user. If record not found display the appropriate message.

```
DATABASE: FILE
TABLE NAME: STUDENT
*sql21.py - Z:/sql21.py (3.7.3)*
                                                                                File Edit Format Run Options Window Help
import mysql.connector as my
a=my.connect(host='localhost',user='root',password='1234',database='file')
ans='v'
while ans.lower()=='y':
    b=a.cursor()
    r=int(input("ENTER THE ROLLNO YOU WANT TO DELETE:"))
    q1="select * from student where Rno={}".format(r)
    b.execute(q1)
    e=b.fetchall()
    d=b.rowcount
    if d!=0:
      q2='DELETE FROM STUDENT WHERE Rno={}'.format(r)
      b.execute(q2)
      a.commit()
      print('RECORD DELETED SUCCESSFULLY')
    else:
       print('RECORD NOT FOUND')
    ans=input('DO YOU WANT TO DELETE ANOTHER RECORD (Y/N):')
a.close()
Output:
    >>>
```

ENTER THE ROLLNO YOU WANT TO DELETE:1
RECORD DELETED SUCCESSFULLY
DO YOU WANT TO DELETE ANOTHER RECORD (Y/N):Y
ENTER THE ROLLNO YOU WANT TO DELETE:5
RECORD NOT FOUND
DO YOU WANT TO DELETE ANOTHER RECORD (Y/N):N
>>>

\*\*\*\*\*\*