TUPLE

PROGRAMS

#to create a tuple with different data types.

```
tuplex = ("PYTHON.MYKVS.IN", True,100, 1.0)
print(tuplex)
```

#to unpack a tuple in several variables.

```
tuplex = 14, 18, 13
print(tuplex)
n11, n22, n33 = tuplex
#unpack a tuple in variables
print(n11 + n22 + n33)
```

#to count the item of a tuple.

```
tuple = 12, 14, 15, 16, 12, 13, 1, 14, 71
print(tuple)
#return the number of times it appears in the tuple.
count = tuple.count(14)
print(count)
```

```python
#to convert a tuple to a dictionary.
tuple = ((1991, "python"),(1980, "c++"))
dct=dict((y, x) for x, y in tuple)
print(dct)


#to reverse a tuple.
x = (15, 110,115, 120)
# Reversed the tuple
y = tuple(reversed(x))
print(y)


#to iterate tuple elements
tup = (110,120,130,140,150)
for i in tup:
    print ("The tuple item:",i)


#to accessing tuple elements by index numbers
a_tuple = (1,'Tuples',2,'are',3,'data type of',4,'Python')
print (a_tuple[1], a_tuple[3], a_tuple[5], a_tuple[7])
```