MODULE

ASSIGNMENTS

1. What is module in python?
2. How are modules used in a Python program?
3. What is python module search path?
4. Differentiate package & module.
5. Define a module calculation with add,substract,multiply,divide and use this module in a your main program.
6. Define a module demo with showmessage function to display message hello word,use this function in your main program.
7. Define a module named moduletest ,with a function fourtimes to return four times of passed number,use this function in your main program.
8. Define a module named mymodule with function sayhi,which accept your name and display message hi,<your name>,use this function in your main program.
9. Define a module factorial with a function factcal which accept a number and return its factorial value,use this function in your main program.
10. Define a module mathstuff with function quadratic,which accept three argument and return the result, ,use this function in your main program.
11. What is the purpose of PYTHONPATH environment variable?
12. All modular designs are top-down design process? Is it true or false?
13. In top-down design every module is broken into same number of submodules? Is it true or false?
14. What is the output of the following piece of code fragment?
    from math import factorial
    print(math.factorial(5))
15. How can you share global variables across modules?