Exception

Error

Valueissmall Valueislarge

Hybrid(Single,Multilevel,Hierarchical)

1.Write a function area() to calculate area of a square and area of a triangle

2.Prepare all the files methods with example

3. Write a class with name Mobile. It contains a method called hi() which contains two parameters msg and app which is initialized to None. If no parameter is sent then hi() should print hai ,if a parameter is sent then it should print hai and the parameter also.

4.Write a class with name Calculate. It contains a method called product() which contains three parameters a , b, c. The default values of all parameters are 1.This method calculates the product of three parameters .Overload the function during function call.

5. You are given a file called class\_scores.txt, where each line of the file contains a oneword

username and a test score separated by spaces, like below:.

nagateja 92

anuhya 93

Write code that scans through the file, adds 6 points to each test score, and outputs the usernames

and new test scores to a new file, scores2.txt.

6.Formal Interafce , Informal interface interface , Ducktyping

7. check how many times the word "is" is getting repeated in a file

8. Create a class Automobile with an attribute color with default value “black”. It contains instance variables name,mileage,max\_speed.  Class vehicle is inherited by both classes lorry and bus. These classes doesn’t contain any properties of their own.

Color: White, Vehicle name: ashokleyland load, Speed: 180, Mileage: 12

Color: White, Vehicle name: scania AC, Speed: 240, Mileage: 18

9. Write a function words() in python to read lines from a text file "WORD.txt", and display those words, which are less than 7 characters.

10. Write a function in python to count the number of lines from a text file "WORD.txt" which is not starting with an alphabet "S".

Example: If the file "story.txt" contains the following lines:

A boy is playing there.  
She is good.  
An aeroplane is in the sky.  
sky is pink.  
Alphabets and numbers are allowed in the password.

Output: No of lines not starting with 'S'= 2

11.Practise programs on inheritance