Final Term Assignments

1. Package Assignment

Create two folders *Human* and *Tiger*. Human folder contains a file **Human.java** and Tiger folder contains a file **Tiger.java**.

Now, write the following classes:

Human
int age
double height
double weight
Human( )
Human(int, double, double)
showInfo( )

Tiger
int age
double height
double weight
Tiger( )
Tiger(int, double, double)
showInfo( )

Write a class **Start** that contains the main method. Inside main method, create one object of Human and one object of Tiger. Illustrate the purpose of all the methods and constructors.

2. File Read Write Assignment

Write a class MyFileIO that contains the main method. In the main method you have to perform the following:

a. Take input from console.
b. Write the input in a file.
c. Read from the file.
d. Now, find the following:

    i. Number of alphabets in the file.
    ii. Number of vowels in the file.
    iii. Number of consonants in the file.
    iv. Number of words in the file.
    v. Number of sentences in the file.
    vi. Number of lines in the file.

e. Give the output (findings of d) in another file.

Sample Input:	Sample Output:
Hello World. This is java. Hello java. We hate java. Life is beautiful. Gebon peramoy.	Number of alphabets: 66 Number of vowels: 29 Number of consonants: 37 Number of words: 15 Number of sentences: 6 Number of lines: 3

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3. Fool Game

A sample of this game is available at this link: goo.gl/3LfVTH
You need to use random number to develop this game.

4. Click Counter Game

A sample of this game is available at this link: goo.gl/3LfVTH
You need to use random number and thread to develop this game.