

Object Oriented Programming –JAVA

Objective:

The objective of this assignment is to learn how to write some Simple JAVA Programs.

Day 1

1. Write a program to print your name.
2. Write a program to read the price of an item in the decimal form (like 75.95) and print the output in paise (like 7595 paise).
3. Write a program to convert the given temperature in Fahrenheit to Celsius using the following conversion formula:

$$C = (F-32)/1.8$$

4. Write a program to determine sum of the following series for given value of n: $(1 + 1/2 + 1/3 + + 1/n^2)$. Print the result up to two decimal places.
5. Write a program to find the factorial of a given integer number using recursion (take input using command-line argument).
6. Write a program to show Fibonacci series up to n-th terms using recursion.
7. Write a Program of Sum of Series $(1+x+x^2+x^3+x^4+.....)$ up to n-th terms).