

EXERCISE_DAY 05

1. Write a java program to read and display details of 'N' student using class methods.
2. Design a class Box to compute volume of Box. It includes :-
 - a. The class contain four functions:
 - i. getLength() : return the length by reading from the user.
 - ii. getBreadth() : return the breadth by reading from the user.
 - iii. getHeight() : return the height by reading from the user.
 - iv. Volume() : find and return the volume of box.
3. Write a class to find the surface area of sphere. Use parameterised constructor to initialise the values.
4. Write a program which uses a Factorial class to find the factorial of a number. The class Factorial contain a function ComputeFact() to compute the factorial of a number using recursive algorithm. The Factorial class object declaration as follows:
Factorial fact = new Factorial(number); Here number is the input.
5. Design a calculator using class Calculator to perform various operations like :
 - a. Addition
 - b. Subtraction
 - c. Multiplication
 - d. Division