

## Task 1

1. Write a class named **Rectangle** having two private variables and one member function which will return the area of the rectangle.
2. Assign and print the roll number, phone number and address of two students having names “Sami” and “John” respectively by creating two objects of the class ‘Student’.
3. Write a program to find the area of circle using class **circle** which will have two data members **radius** and **area** and perform following operations on data members by creating member functions:
  - a. Accept radius from the user
  - b. Calculate the area
  - c. Display the result
4. Create a C++ class Date which contains- **Day- Month- Year**  
Write necessary member functions to accept and display a date on the screen.
5. Create a class staff having fields: **Staff\_id , name, salary**. Write a menu driven program for:
  - 1) To accept the data
  - 2) To display the data
  - 3) Find the data by name