

Exercise Questions: Basic

Getters and setters are must for the Following programs

1. Create a class named 'Student' with a string variable 'name' and an integer variable 'roll_no'. Assign the value of roll_no as '2' and that of name as "John" by creating an object of the class Student.
2. Create a class Triangle having data members sides a , b and c. A function PRINTAREA() to print the area and perimeter of a triangle having sides of 3, 4 and 5 units.

3. Write a program that would print the information (name, year of joining, salary, address) of three employees by creating a class named 'Employee'. The output should be as follows:

Name	Year of joining	Address
Robert	1994	64C- WallsStreat
Sam	2000	68D- WallsStreat
John	1999	26B- WallsStreat

4. Write a program to print the area of a rectangle by creating a class named 'Area' taking the values of its length and breadth as parameters of a function named 'returnArea' which returns the area of the rectangle. Length and breadth of the rectangle are entered through the keyboard.
5. Write a program by creating an 'Employee' class having the following functions and print the final salary.
 - a. 'getInfo()' which takes the salary, number of hours of work per day of employee as parameters
 - b. 'AddSal()' which adds \$10 to the salary of the employee if it is less than \$500.
 - c. 'AddWork()' which adds \$5 to the salary of the employee if the number of hours of work per day is more than 6 hours.