Assignment-1

Submission date: 10/04/2017, 11:30AM

1. Suppose, you have been given a task to develop a program for a company name “Bangla Group”. In this company, there are two types of employee such as manager and stuff. Each Employee has attributes like id, name and designation.

1. The salary structure of this company is, if the designation of employee is Manager, then monthly salary is 20,000 taka and for Stuff the salary is 10,000 taka. Write a method which will set the monthly salary of each employee according to their designation.
2. Write a method which will calculate yearly salary of each employee.
3. Write a method will calculate the bonus of each employee. 20% bonus on salary for manager and 5% bonus on salary for stuff.
4. Use a parameterized constructor to initialize the attributes of class.
5. Write a method to display all information regarding to each employee. Create object from main class and call all the methods.

2. Sakib Al Hasan is a player of Bangladesh cricket team. He has played total 160 ODI matches, total runs scored 4480, got 212 wickets, and scored 6 centuries and 30 half-centuries. Marks: 5

1. Which is the object in the above scenario?
2. What are the common properties of the object?
3. Initialize the common properties with constructor.
4. Write a method that will print the properties of the object.
5. Call the method and constructor from main method.

3. What is class and object? Explain with example

4.Why constructor is used?

5.Write the difference between method and constructor.