

Java Assignments – 2

Classes and object

1. Create a class called Emp with data members empno, empname, designation, dept and salary and methods as readEmpData() (to read values to data members) and displayEmpData() (to display data members values to the screen) create an employee instance and display its information.
2. Create a class Electricity bill with data members as customer number, customer name, units consumed and methods as follows:
 1. readData() - to read the values of data members.
 2. showData - to display the customer details
 3. computeBill() - to calculate and return electricity charges to be paid.calculate the bill as specified below

number of units	charges
< = 100	Rs.1.20
for the next 200 units	Rs. 2.00
for the next 300 units	Rs. 3.00
for more	Rs. 5.00

ex: input = 320 units output = $100 \times 1.20 + 200 \times 2.00 + 20 \times 3.00 = \text{Rs. } 580$

Read customer object values, calculate electricity bill and display the values.

- 3) Write a Java program to create Student class with member variable as id, name, mark and result. Use method to initialize the value of name, id and marks. Write a member function to find the result and display the student details with result.
- 4) Write a Java program that creates a account classs with instance variable accno,accname,amount and instance method withdraw, deposit, and interest. Create object of account class test all methods.
- 5) Write a Java program to create a class called player with name, age, country Name, total run as instance member. Create 5 player objects and write instance method to display the details of Player having more than 5000 as total run