Lab assignment 1: Module I

1) Implement a java program to calculate gross salary & net salary taking the following data.
Input: empno, empname, basic process:
 (gross salary = addition of all allowances and net salary is gross salary minus (PF+PT))
DA=70% of basic
HRA=30% of basic
CCA=Rs240/-
PF=10% of basic
PT= Rs100/-

2) Five Bikers Compete in a race such that they drive at a constant speed which may or may not be the same as the other. To qualify the race, the speed of a racer must be more than the average speed of all 5 racers. Write a Java program to take as input the speed of each racer and print back the speed of qualifying racers. (make use of array)

3) Write a Menu driven program in java to implement simple banking applications. Application should read the customer name, account number, initial balance, rate of interest, contact number and address field etc.
Application should have following methods.
1. createAccount()
2. deposit()
3. withdraw()
4. computeInterest()
5. displayBalance()

4) Create a Java based application to perform various ways of Method overloading.