Java Assignments

1. Accept length and breadth of rectangle and calculate area of rectangle.
2. Accept base and height of triangle and calculate area of triangle
3. Accept employee id, name and basic salary of employee and calculate following
   1. da = 50% of basic salary
   2. hra = 20% of basic salary
   3. pf = 5% of basic salary
   4. gross salary = basic salary + da + hra;
   5. net salary = gross salary – pf
4. Accept a number from user and check whether it is +ve or –ve
5. Accept selling amount and purchase amount from user and display whether it is profit or loss and how much?
6. Accept a year from user and check whether it is leap or not?
7. Accept a bank balance from user and show the message as "Low Balance" if balance is less than 2000 or display the message as "Balance is ok"
8. Accept age from user and show the message as "You are valid for voting" if age is grater than or equal to 18 otherwise display the message as "You are not valid for voting"
9. Accept marks of 5 subjects and calculate total and average marks also display the grade as follows  
    Average Marks Grade  
    >= 85 Dist  
    < 85 & >= 75 A  
    < 75 & >= 60 B  
    < 60 & >= 50 C  
    < 50 & >= 35 D  
    < 35 Fail