Java Assignments

1. Accept radius from user and calculate area of circle. (3.142 \* r \* r)
2. Accept the basic salary from user and calculate gross salary & net salary  
   da = 50 % of Basic Salary  
   hra = 20 % of basic salary  
   pf = 5% of basic salary  
   gross = basicSalary + da + hra   
   net = gross – pf
3. Accept marks of 5 subjects and calculate total and average marks.
4. Accept selling amount and purchase amount from user and display whether it is profit or loss and how much?
5. Accept a year from user and check whether it is leap or not?
6. Accept age from user and show the message as "You are valid for voting" if age is greater than or equal to 18 otherwise display the message as "You are not valid for voting"
7. Accept marks of 5 subjects and calculate total and average marks also display the grade as follows  
    Avg Marks Grade  
    >= 85 Dist  
    < 85 & >= 75 A  
    < 75 & >= 60 B  
    < 60 & >= 50 C  
    < 50 & >= 35 D  
    < 35 Fail
8. Accept any number from user and print its multiplication table

1 \* 5 = 5

2 \* 5 = 10

3 \* 5 = 15

4 \* 5 = 20