Q1Write a program to accept a number form user. And check whether it is even or odd.Display a suitable message.

Q2Write a program to accept a number form user. And check whether it is Buzz number or not.Display a suitable message.

(Anumber is said to be buzz if it is divisible by 7 or number contains 7 at its unit place)

Ex: 70 or 77

Q3A computer salesman gets commission on the following basis:  
            Sales                        Commission Rate  
            Rs. 0 - 20,000                      3%  
            Rs. 20,000 - 50,000           12%  
            Rs. 50,001 and more         31%  
After accepting the sales as input, calculate and print his commission amount and rate of commission.

Q4Write a program to enter the three sides of a triangle. Decide whether it is a scalene, isosceles or equilateral triangle.

Q5 Write a program to take the monthly salary from the user, find and display income tax with the help of the following slab:  
   Monthly Salary                 Income Tax  
   8000 or less                           Nil  
   8000-9000                      20% of Monthly salary  
   9000-10000                    30% of Monthly salary  
   10000 or above              40% of Monthly salary

Q6 Using if-else statements write a program in java to calculate the grade as per the given criteria:  
         Marks                 Grade  
     > = 80 and <100          Excellent  
     > = 70 and <80           First Div.   
     > = 60 and <70           Second Div.  
     > = 50 and <60           Third Div.  
     Less than 50           Fail

Q7 Write a program to assign values the variable basic salary and calculate the DA and the gross salary and print them. The DA is calculated as per the rules given below:  
    if basic< 2000             then DA is 5% of basic  
    if basic> = 2000 & <7000     then DA is 8% of basic  
    if basic> = 7000& <10000     then DA is 10% of basic  
    if basic> = 10000            then DA is 12% of basic  
    Gross Salary  =  Basic + DA.

Q8 Write a menu driven program to calculate the following

1. Area of triangle
2. Area of square
3. Area of rectangle

Q9. Write a menu driven program to calculate the following using switch case

1. Sum of two numbers
2. Difference of two number
3. Product of two number
4. Divison of two number