Day 1:-

Question 1:

class HelloWorld {  
    public static void main(String[] args) {  
        String input="Hello java Tpoint";  
        int l=input.length();  
        String ans="";  
        for(int i=0;i<l;i++)  
        ans+=input.charAt(l-i-1);  
  
        System.out.println(ans);  
    }  
}

question 2:

public class Main  
{  
    public static void main(String[] args) {  
        for(int i=2;i<21;i++)  
        {  
            int j=1;  
            for (int k=2;k<i;k++)  
            {  
                if(i%k == 0)  
                j++;  
            }  
  
            if(j==1)  
            System.out.println(i);  
  
        }  
    }  
}

question 3:

public class master

{

    public static void main(String[] args) {

        for(int i=2;i<6;i++)

        {

            for(int j=1;j<11;j++)

            {

                System.out.println(i +" \* "+ j +" ="+ i\*j);

            }

            System.out.println();

        }

    }

}

Question 4:

public class master

{

    public static void main(String args[])

    {

        for (int i=1;i<=20;i++)

        {

            if( i %2 == 0)

        System.out.println(i + " is a even number ");

        else

        System.out.println(i + " is a odd number");

        }

    }

}

Question 5:

import java.util.Scanner;

public class master

{

    public static void main(String args[])

    {

       Scanner  a=new Scanner(System.in);

       System.out.println("enter the number ");

       int n=a.nextInt();

       if(n < 0 && n>100)

       System.out.println("invalid score");

       switch( n/10)

       {

        case 10:

            {System.out.println("topper");break;}

         case 9:

            {System.out.println("fair");break;}

         case 8:

            {System.out.println("avg");break;}

         case 7:

             {System.out.println("below avg");break;}

         default:

            {System.out.println("fail");}

       }

    }

}

Question 6:

public class master

{

    public static void main(String args[])

    {

        int n=8;

        int ans =1;

        while(n!=1)

        {

            ans = ans \* n;

            n--;

        }

        System.out.println(ans);

    }

}

Question 7:

public class master

{

    public static void main(String args[])

    {

        int a=10;

        int b=20;

        int temp;

        temp=a;

        a=b;

        b=temp;

        System.out.println(" value of a is ="+ a + " and b is =" + b);

    }

}

Question 8:

import java.util.Scanner;

public class master

{

    public static void main(String args[])

    {

       Scanner  a=new Scanner(System.in);

       System.out.println("enter the number ");

       int n=a.nextInt();

       if(n % 4 ==0 )

       System.out.println("its a leap year");

       else

        System.out.println("its not a leap year");

    }

}

DAY 2:-