Task 1 – Write a program to swap two number. For example a=10 and b=20 output should be a=20 and b=10

Answer : ```package``` Test99;

```java
public class Test56790333 {

       public static void main(String[] args)

       {
              int a=10;
              int b=20;

              {
                     System.out.println("Value of a : before swap " +a);
                     System.out.println("Value of b : before swap " +b);
                     a=a+b;
                     b=a-b;
                     a=a-b;
                     System.out.println("Value of a : after swap " +a);
                     System.out.println("Value of b : after swap " +b);
              }

       }

}
```

Task 2- Write a program to print the sum of below 5 numbers.
        10,90.78,111,8989,7876

Answer :
```java
package Test99;

public class Sum {

       public static void main(String[] args)

       {
              int a1,a3,a4,a5;
              double a2,sum;
              a1=10;
              a2=90.78;
              a3=111;
              a4=8989;
              a5=7876;

              sum=a1+a2+a3+a4+a5;

              System.out.println("sum of 5 numbers is "+sum);


       }

}
```

Task 3- Write a program to print the average of below 5 numbers.
     10,90.78,111,8989,7876

Answer :
```java
package Test99;

public class avg66 {

    public static void main(String[] args)

    {
            int a1,a3,a4,a5;
            double a2,sum,avg;
            a1=10;
            a2=90.78;
            a3=111;
            a4=8989;
            a5=7876;

            sum=a1+a2+a3+a4+a5;

            avg=sum/5;

            System.out.println("Average of 5 numbers is "+avg);


    }

}
```


Task 4- Write a program to print all even numbers from 1-200

Answer :
```java
package Test99;

public class Numbers1to100 {

    public static void main(String[] args)
    {
            for (int i=0;i<201;i=i+2)
                    System.out.println(i);

    }

}
```


Task 5- Write a program to print all odd numbers from 1-50

Answer :
```java
package Test99;
```

```java
public class oddnumbers1to50 {

    public static void main(String[] args)

    {
        for (int i=1;i<51;i=i+2)
            System.out.println(i);

    }

}
```

Task 6- Write a program to print all prime numbers from 1-1000

Answer :
```java
package Test99;

public class nestedfor

{

    public static void main(String[] args)
    {
        int i,j,s;
        for ( i=2;i<1000;i++)
        {
            s=0;
            for (j=2;j<i;j++)
            {
                if(i%j==0)
                    s=1;
                break;
            }
            if(s==0)
                System.out.print(i);

        }


    }



}
```
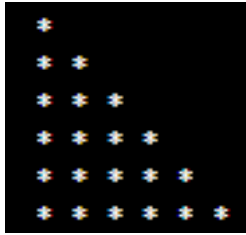
Task 7- Write a program to print below pattern

Answer :

```java
package Test99;

public class star {

    public static void main(String[] args)
    {

        for ( int i=0;i<=5;i++)    {
            for ( int j=0;j<=i;j++){
                System.out.print("*");
            }
            System.out.println();
        }

    }

}
```

Task 8- Write a program to print below students marks who have scored above 80
    Example- 78,12,89,55,35
    Output- 78,89
Answer :

```java
package Test99;

public class Score23 {

    public static void main(String[] args)

    {
        int [] marks1=new int[5];
        marks1[1]=78;
        marks1[0]=12;
        marks1[2]=89;
        marks1[3]=55;
        marks1[4]=35;

        for ( int marks:marks1)
        {
            if (marks>=80)
            {
                System.out.println("Marks is "+marks);
            }


        }
```

```
        }

}
```

Task 9- Write a program which will break the current execution if it find number 85

        Input – [12,34,66,85,900]

Answer:

```java
package Test99;

public class Break13 {

    public static void main(String[] args)

    {
            int [] numbers= {12,34,66,85,900};

            for (int x:numbers)
            {
                    if (x==85)
                    {
                            break;
                    }
                    System.out.println(x);
            }


    }}
```

Task 10- Write a program which will break the current execution if it find "Selenium"

        Input – ["Java","JavaScript","Selenium","Python","Mukesh"]

```java
 package Test99;

public class Break19 {

    public static void main(String[] args)

    {
            String [] text = {"Java","JavaScript","Selenium","Python","Mukesh"};

            for (String text1:text)
            {
                    if (text1=="Selenium")
                    {
                            break;
                    }
                    System.out.println(text1);
            }


    }}
```