

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

```
package assignment1;

public class Task1_Swapnumbers {

    public static void main(String[] args) {

        {

            int a=10;
            int b=20;

            a=a+b;
            b=a-b;
            a=a-b;
            System.out.println("After Swapping");
            System.out.println("a="+a);
            System.out.println("b="+b);

        }

    }

}
```

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

```
package assignment1;

public class Task2_Sum {

    public static void main(String[] args) {
        {
            int a=10;
            double b=90.78;
            int c=111;
            int d=8989;
            int e=7876;
            double sum=a+b+c+d+e;

            System.out.println("Sum="+sum);
        }
    }
}
```

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

```
package assignment1;

public class Task3_Average {

    public static void main(String[] args) {
        {
            int a=10;
            double b=90.78;
            int c=111;
            int d=8989;
            int e=7876;
            double average=(a+b+c+d+e)/5;
            System.out.println("Average="+average);
        }
    }
}
```

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

```
package assignment1;

public class Task4_Evennumbers {

    public static void main(String[] args) {
        System.out.println("Even Numbers from 1-200");
        for (int i=2;i<=200;i=i+2)
        {
            System.out.println(i);
        }
    }
}
```

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

```
package assignment1;

public class Task5_Oddnumbers {

    public static void main(String[] args) {
        System.out.println("Odd numbers from 1-50");
        for (int i=1;i<50;i=i+2)
        {
            System.out.println(i);
        }
    }
}
```

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

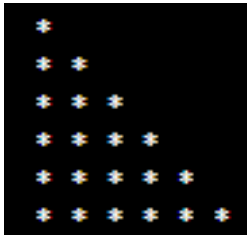
```
package assignment1;

public class Task6_Primenumbers {

    public static void main(String[] args) {
        System.out.println("Prime numbers from 1-1000");

        for (int i=2;i<=1000;i++)
        {
            int temp=0;
            for(int j=2;j<=i-1;j++)
            {
                if (i%j==0)
                {
                    temp=temp+1;
                }
            }
            if (temp==0)
            {
                System.out.println(i);
            }
        }
    }
}
```

Task 7- Write a program to print below pattern



```
package assignment1;

public class Task7_Pattern {

    public static void main(String[] args) {
        System.out.println("Pattern");
        for (int i=0;i<=6;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

```
package assignment1;  
  
public class Task8_marks {  
  
    public static void main(String[] args) {  
        System.out.println("Marks above 80 are as follows");  
  
        int[] marks= {78,12,89,55,35};  
        for (int i=0;i<marks.length;i++)  
        {  
            if (marks[i]>80)  
  
                System.out.println(marks[i]);  
        }  
    }  
}
```


Task 9- Write a program which will break the current execution if it find number 85
Input – [12,34,66,85,900]

```
package assignment1;  
  
public class Task9_Breakexecution {  
    public static void main(String[] args) {  
        int[] a = {12,34,66,85,900};  
        for (int i=0;i<a.length;i++)  
        {  
            if(a[i]==85)  
            {  
                break;  
            }  
            System.out.println(a[i]);  
        }  
    }  
}
```

Task 10- Write a program which will break the current execution if it find "Selenium"
Input – ["Java","JavaScript","Selenium","Python","Mukesh"]

```
package assignment1;  
  
public class Task10_Breakexecution {  
  
    public static void main(String[] args) {  
  
        String[]a=  
{"java","javascript","selenium","python","mukesh"};  
  
        for (int i=0;i<=a.length;i++)  
        {  
            if (a[i].equals("selenium"))  
            {  
                break;  
            }  
  
            System.out.println(a[i]);  
        }  
    }  
}
```