1)Write a program to accept a number N and print whether it is positive, negative or zero

```
package SimpleNumberPrograms;


import java.util.Scanner;


public class PositiveOrNegativeUsingMethods {
private static Scanner sc;


public static void main(String[] args) {
int Number;
sc = new Scanner(System.in);
System.out.println(&amp;quot;\n Please Enter the any integer Value: &amp;quot;);
Number = sc.nextInt();


positiveOrNegative(Number);


}
public static void positiveOrNegative(int Number) {
if (Number &amp;gt;= 0) {
System.out.println(&amp;quot; You have entered POSITIVE Number&amp;quot;);
}
else {
System.out.println(&amp;quot; You have entered NEGATIVE Number&amp;quot;);
}
}
```

2.Program to accept two numbers and print the greater value of the two

```
import java.util.Scanner;


public class JavaProgram

{

   public static void main(String args[])
   {

      int a, b, big;
      Scanner scan = new Scanner(System.in);

      System.out.print("Enter Two Number : ");
      a = scan.nextInt();
      b = scan.nextInt();

      if(a>b)
      {

         big = a;
      }

      else
      {

         big = b;
      }


      System.out.print("Largest of Two Number is " +big);
   }

}
```

3.Program to accept a number N and print whether number is even or odd

```
import java.util.*;
public class Exercise49 {
public static void main(String[] args){
Scanner in = new Scanner(System.in);
System.out.print(&amp;quot;Input a number: &amp;quot;);
int n = in.nextInt();
if (n % 2 == 0) {
```

```
System.out.println(1);
}

else {
System.out.println(0);
}
}
}
```

4. Program to accept a number N and print whether sum is even or odd

```
public class Sum_Odd_Even
{
   public static void main(String[] args)
   {
      int n, sumE = 0, sumO = 0;
      Scanner s = new Scanner(System.in);
      System.out.print("Enter the number of elements in array:");
      n = s.nextInt();
      int[] a = new int[n];
      System.out.println("Enter the elements of the array:");
      for(int i = 0; i < n; i++)
      {
         a[i] = s.nextInt();
      }
      for(int i = 0; i < n; i++)
      {
         if(a[i] % 2 == 0)
         {
            sumE = sumE + a[i];
         }
         else
         {
            sumO = sumO + a[i];
         }
      }
      System.out.println("Sum of Even Numbers:"+sumE);
      System.out.println("Sum of Odd Numbers:"+sumO);
   }
}
```

5.Program to print all numbers from 1 to 100

```
class PrimeNumbers
{
public static void main (String[] args)
{
int i =0;
int num =0;

//Empty String
String primeNumbers = &amp;quot;&amp;quot;;

for (i = 1; i &amp;lt;= 100; i++)
{
int counter=0;
for(num =i; num&amp;gt;=1; num--)
{
if(i%num==0)
{
counter = counter + 1;
}
}
if (counter ==2)
{
//Appended the Prime number to the String
primeNumbers = primeNumbers + i + &amp;quot; &amp;quot;;
}
}
System.out.println(&amp;quot;Prime numbers from 1 to 100 are :&amp;quot;);
System.out.println(primeNumbers);
}
}
```

6.Program to print alternate numbers starting from 1 to 99

```
import java.util.*;
 public class Exercise48 {
    public static void main(String[] args){
            for (int i = 1; i < 100; i++) {
                                    if (i % 2 != 0) {
                                                System.out.println(i);
                                    }
                        }
```

```
   }
}
```

7.Program to print alternate numbers starting from 0 to 100

```
import java.util.*;
 public class Alternate Numbers{
{
   // Prints numbers from 1 to n
   static void printNos(int n)
   {
      if(n > 0)
      {
         printNos(n - 1);
         System.out.print(n + " ");
      }
      return;
   }

   // Driver Code
   public static void main(String[] args)
   {
      printNos(100);
   }
}


 }
```

8.Program to print all numbers backward from 100 to 0

```
import java.util.Scanner;

public class ReverseNaturalNum1 {
        private static Scanner sc;
        public static void main(String[] args)
        {
                int number, i;
                sc = new Scanner(System.in);

                System.out.print(" Please Enter the Maximum integer Value : ");
```

```
                number = sc.nextInt();

                for(i = number; i >= 1; i--)
                {
                        System.out.print(i +"\t");
                }
        }
}
```

9. Write a program to print numbers backwards from 100 to 1 by skipping 2 numbers i.e.
100 97 94 91 88
85 82 79. . . 22 19 16 13 10 7 4 1

```
import java.io.*;
import java.util.*;
import java.text.*;
import java.math.*;
import java.util.regex.*;

class GFG
{
// Prints numbers from 1 to n
static void printNos(int n)
{
if(n &gt; 0)
{
printNos(n - 1);
System.out.print(n + &quot; &quot;);
}
return;
}

// Driver Code
public static void main(String[] args)
{
printNos(100);
}
}
```