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(&quot;\n Please Enter the any integer Value: &quot;);

Number = sc.nextInt();

positiveOrNegative(Number);

}

public static void positiveOrNegative(int Number) {

if (Number &gt;= 0) {

System.out.println(&quot; You have entered POSITIVE Number&quot;);

}

else {

System.out.println(&quot; You have entered NEGATIVE Number&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(&quot;Input a number: &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 = &quot;&quot;;

for (i = 1; i &lt;= 100; i++)

{

int counter=0;

for(num =i; num&gt;=1; num--)

{

if(i%num==0)

{

counter = counter + 1;

}

}

if (counter ==2)

{

//Appended the Prime number to the String

primeNumbers = primeNumbers + i + &quot; &quot;;

}

}

System.out.println(&quot;Prime numbers from 1 to 100 are :&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);

}

}