2) import java.util.Scanner;

public class HelloWorld{

public static void main(String []args){

int i;

int arr[] = new int[10];

int count=0;

Scanner sc = new Scanner(System.in);

for(i=0;i<10;i++)

{

arr[i]=sc.nextInt();

}

// Initialize maximum element

int max = arr[0];

// Traverse array elements from second and

// compare every element with current max

for (i = 1; i < arr.length; i++)

{

if (arr[i] > max)

max = arr[i];

}

System.out.println(max);

for( i=0;i<arr.length;i++)

{

if(arr[i]==max)

{

count=count+1;

}

}

System.out.println(count);

}

}

1)

import java.util.Scanner;

public class HelloWorld{

public static void main(String []args){

int i;

int arr[] = new int[10];

int count=0;

Scanner sc = new Scanner(System.in);

for(i=0;i<10;i++)

{

arr[i]=sc.nextInt();

}

// Initialize maximum element

int max = arr[0];

// Traverse array elements from second and

// compare every element with current max

for (i = 1; i < arr.length; i++)

{

if (arr[i] > max)

max = arr[i];

}

System.out.println(max);

}

}

3)

import java.util.Scanner;

public class HelloWorld{

public static void main(String []args){

int i,fact=1;

int num;//It is the number to calculate factorial

Scanner sc= new Scanner(System.in);

num=sc.nextInt();

for(i=1;i<=num;i++){

fact=fact\*i;

}

System.out.println("Factorial of "+num+" is: "+fact);

}

4)import java.util.Scanner;

import java.util.\*;

public class HelloWorld{

public static void main(String []args){

String st="";

Scanner sc=new Scanner(System.in);

st=sc.nextLine();

char str[]=st.toCharArray();

int n = str.length;

int index = 0;

// Traverse through all characters

for (int i = 0; i < n; i++)

{

// Check if str[i] is present before it

int j;

for (j = 0; j < i; j++)

{

if (str[i] == str[j])

{

break;

}

}

// If not present, then add it to

// result.

if (j == i)

{

str[index++] = str[i];

}

}

String result= String.valueOf(Arrays.copyOf(str, index));

System.out.println(result);

}

}