import java.util.Scanner;

public class Largest\_Number

{

public static void main(String[] args)

{

int n= 25 , max;

Scanner s = new Scanner(System.in);

int a[] = new int[n];

System.out.println("Enter elements of array:");

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

{

a[i] = s.nextInt();

}

max = a[0];

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

{

if(max < a[i])

{

max = a[i];

}

}

System.out.println("Maximum value:"+max);

}

}

public class MaxRepeatingElement

{

public void MaxRepeatingElementInPlace(int [] arrA)

{

int size = arrA.length;

int maxCount=0;

int maxIndex=0;

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

{

int index = arrA[i]% size;

arrA[index] = arrA[index] + size;

}

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

{

if(arrA[i]/size>maxCount)

{ maxCount=arrA[i]/size;

maxIndex=i;

}

}

System.out.println("Element repeating maximum no of times: " + maxIndex + ", maximum count: " + maxCount);

}

public static void main(String[] args)

{

int [] arrA = {4, 1, 5, 2, 1, 5, 9, 8, 6, 5, 3, 2, 4, 7}; MaxRepeatingElement m = new MaxRepeatingElement(); m.MaxRepeatingElementInPlace(arrA);

}

}

import java.util.Scanner;

class FactorialDemo

{

public static void main(String args[])

{ Scanner scanner = new Scanner(System.in);

System.out.println("Enter the number:");

int num = scanner.nextInt();

int factorial = fact(num);

System.out.println("Factorial of entered number is: "+factorial);

}

static int fact(int n)

{

int output;

if(n==1)

{ return 1;

}

output = fact(n-1)\* n;

return output;

}

}

public class DuplicateCharacters

{

   public static void main(String[] args)

{

      String string1 = "Great responsibility";

     int count;

char string[] = string1.toCharArray();

System.out.println("Duplicate characters in a given string: ");

for(int i = 0; i <string.length; i++) {

 count = 1;

for(int j = i+1; j <string.length; j++) {

  if(string[i] == string[j] && string[i] != ' ') {

  count++;

Set string[j] to 0 to avoid printing visited character

  string[j] = '0';

   }

           }

            if(count > 1 && string[i] != '0')

             System.out.println(string[i]);

   }

 }

)