E1. Question:- : Find out the Fibonacci number

public static void main(String[] args) {

Scanner scan=new Scanner (System.in);

int a=scan.nextInt();

int b=scan.nextInt();

System.out.print(" "+a);

System.out.print(" "+b);

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

int c=a+b;

System.out.print(" "+c);

a=b;

b=c;

}

}

E2. Question:- : Find out the Factorial number from n values.

public static void main(String[] args) {

Scanner scan = new Scanner(System.in);

int a = scan.nextInt();

int i, fact = 1;

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

fact = fact \* i;

}

System.out.print("The Factorial is: " + fact);

}

}

E3. Question:- : Find out the Prime number form n values

public static void main(String[] args) {

int num, n = 1, m = 0;

Scanner scan = new Scanner(System.in);

num = scan.nextInt();

while (num >= n) {

if (num % n == 0) {

m = m + 1;

}

n++;

}

if (m == 2) {

System.out.println("Prime ");

} else {

System.out.println("Not Prime");

}

}

E4.+E5. Question:- : Sort the Multidimensional Array

Question:- : Sort the Array in Reverse order.

public static void main(String[] args) {

int Arr[][] = {{7, 5, 2}, {8, 5, 9}, {5, 2, 7}};

int m = 0;

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

for (int j = 0; j < Arr[i].length; j++) {

for (int k = j + 1; k < Arr[i].length; k++) {

if (Arr[i][j] > Arr[i][k]) {

m = Arr[i][j];

Arr[i][j] = Arr[i][k];

Arr[i][k] = m;

}

}

System.out.print(" " + Arr[i][j]);

}

System.out.println("");

}

}

E6. Question:- : Find out the Max-Min number among n number of values

public static void main(String[] args) {

Scanner scan = new Scanner(System.in);

int num = scan.nextInt();

int Arr[] = new int[num];

int max = 0, min = 0;

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

Arr[i] = scan.nextInt();

if (i == 0) {

max = Arr[i];

min = Arr[i];

} else if (Arr[i] > max) {

max = Arr[i];

} else if (Arr[i] < min) {

min = Arr[i];

} else {

continue;

}

}

System.out.println("The Maximum Number is: " + max);

System.out.println("The minimum Number is: " + min);

}

E8. Question:- : Find out the Odd-even number among n number of values.

public static void main(String[] args) {

Scanner scan = new Scanner(System.in);

int x = scan.nextInt();

if (x % 2 == 0) {

System.out.println("Even ");

} else {

System.out.println("Odd");

}

}

E9. Question:- : Find out the Conditional Sum until input 0(zero).

public static void main(String[] args) {

Scanner scan = new Scanner(System.in);

int m=0;

for (int i = 0;; i++) {

int a = scan.nextInt();

if(a>0){

m=m+a;

}else{System.out.println(""+m);

}

}

}

E10. Question:- : Calculate the number with Power.

public static void main(String[] args) {

int a=4;

int b=3;

System.out.println(Math.pow(a, b));

}