Question:-: Find out the Fibonacci number.

public static void main(String[] args) {

int febCon=1;

int b =1;

System.out.print(febCon);

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

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

int c=febCon+b;

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

febCon=b;

b=c;

}

}

}

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

public static void main(String[] args) {

Scanner s = new Scanner(System.in);

int number = s.nextInt();

int i, fact = 1;

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

fact = fact \* i;

}

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

}

}

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

public static void main(String[] args) {

Scanner s = new Scanner(System.in);

int number = s.nextInt();

int m=0;

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

if(number%i==0){

m=m+1;

}

}

if(m==2){

System.out.println(number+" is Prime number");

}

else{

System.out.println(number+" is not Prime number");

}

}

Question:-: Sort the Multidimensional Array.

public static void main(String args[]) {

int arr[][] = {{4, 2, 3}, {2, 6, 5}, {7, 4, 6}};//declaring and initializing 2D array

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();

}

}

Question:-: Sort the Array in Reverse order.

public static void main(String args[]) {

int arr[][] = {{4, 2, 3}, {2, 6, 5}, {7, 4, 6}};//declaring and initializing 2D array

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();

}

}

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

public static void main(String[] args) {

System.out.println("Enter the value of length");

Scanner scan = new Scanner(System.in);

int x;

x=scan.nextInt();

int a[] = new int[x]; // Array length

int max = 0;

int min = 0;

System.out.println("Enter the value");

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

a[i] = scan.nextInt();

if (i == 0) {

max = a[i];

min = a[i];

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

max = a[i];

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

min = a[i];

} else {

continue;

}

}

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

System.out.println("Minimum number is: " + min);

}

}

Question:-: Find out the ten unique Random Numbers.

int dup[] = new int[10];

int count = 0, dupcount = 0;

private void generateDuplicate() {

int randomvalue = 0;

for (;;) {

randomvalue = (int) (Math.random() \* 100);

if(duplicateCheck(randomvalue)==1){

dup[count]=randomvalue;

System.out.print(dup[count]+" ");

count++;

}

if(count==10){

break;

}

}

System.out.println("");

}

int duplicateCheck(int x) {

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

if(dup[i]==x){

dupcount++;

return 0;

}

}

return 1;

}

public static void main(String[] args) {

AllTestfile rn = new AllTestfile(); // this Object (constructor) will be Class name.

rn.generateDuplicate();

}

}

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

public static void main(String[] args) {

Scanner s = new Scanner(System.in);

int sum = 0;

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

int a = s.nextInt();

if (a > 0) {

sum += a;

} else {

System.out.println("The Total is : " + sum);

}

}

}

}

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

public static void main(String args[]) {

System.out.println("Enter an integer: ");

Scanner in = new Scanner(System.in);

int x;

x = in.nextInt();

if (x % 2 == 0) {

System.out.println("Your entered number is an even number.");

} else {

System.out.println("Your entered number is an odd number.");

}

}

}

Question:-: Calculate the number with Power.

public class Powerset {

public static void main(String[] args) {

int a = 2;

int b = 4;

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

}

}