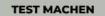


Practice questions on Java Array







Level 1 Level 2

 \odot \times

Level 1

1. Take 10 integer inputs from user and store them in an array and print them on screen.

~

```
import java.util.*;

class Ans{
  public static void main(String[] args){
    Scanner s = new Scanner(System.in);
    int[] z = new int[10];
    for(int i = 0;i<z.length;i++){
        System.out.println("Print the value of z["+i+"]");
        z[i] = s.nextInt();
    }
    for(int i = 0;i<z.length;i++){
        System.out.println("The value of z["+i+"] is "+z[i]);
    }
}</pre>
```

Discover our Dream destinations

Take 10 integer inputs from user and store them in an array. Again ask user to give a number. Now, tell user whether that number is present in array or not.

3. Take 20 integer inputs from user and print the following: number of positive numbers number of negative numbers number of odd numbers number of even numbers number of 0s.

V

```
import java.util.*;
class Ans{
 public static void main(String[] args){
   Scanner s = new Scanner(System.in);
    int[] z = new int[20];
    int pos = 0;
   int neg = 0;
    int odd = 0;
    int even = 0;
    int zero = 0;
    for(int i = 0;i<z.length;i++){</pre>
      System.out.println("Print the value of z["+i+"]");
     z[i] = s.nextInt();
      if(z[i]>0){
        pos++;
      else if(z[i]<0){</pre>
        neg++;
      }
      else{
        zero++;
      if(z[i]%2==0){
        even++;
      else{
        odd++;
      }
    System.out.println("Positive: "+pos+"\nNegative: "+neg+"\nZero: "+zero+"\nodd: "+odd+"\neven: "+even);
  }
}
```

4. Take 10 integer inputs from user and store them in an array. Now, copy all the elements in an another array but in reverse order.

·

Discover our Dream destinations

```
import java.util.*;
class Ans{
  public static void main(String[] args){
    Scanner s = new Scanner(System.in);
    int[] a = new int[10];
    int[] b = new int[10];
    for(int i =0;i<a.length;i++){</pre>
      System.out.println("Enter the value of a["+i+"]");
      a[i] = s.nextInt();
    int j = 0;
    for(int i = b.length-1;i>=0;i--){
      b[i] = a[j];
      j++;
    }
    for(int i = 0; i< b.length; i++){</pre>
      System.out.println("The value of b["+i+"] is "+b[i]);
  }
}
```

- 5. Write a program to find the sum and product of all elements of an array.
- 6. Initialize and print all elements of a 2D array.
- 7. Find largest and smallest elements of an array.

~

Discover our Dream destinations

```
import java.util.*;
class Ans{
  public static void main(String[] args){
    Scanner s = new Scanner(System.in);
    int[] a = new int[10];
    for(int i =0;i<a.length;i++){</pre>
      System.out.println("Enter the value of a["+i+"]");
      a[i] = s.nextInt();
    }
    int largest = a[0];
    int smallest = a[0];
    for(int i = 0;i<a.length;i++){</pre>
      if(a[i]>largest)
        largest = a[i];
      if(a[i]<smallest)</pre>
        smallest = a[i];
    System.out.println("Largest is "+largest+" and smallest is "+smallest);
  }
}
```

8. Write a program to check if elements of an array are same or not it read from front or back. E.g.-

~

```
import java.util.*;

class Ans{
  public static void main(String[] args){
    int[] a = {2,3,15,15,3,2};
    boolean read = true;
    int j = a.length-1;

    for(int i =0;i<a.length/2;i++){
        if(a[i]!=a[j]){
            read = false;
            break;
        }
        else
        j--;
    }
    System.out.println(read);
    }
}</pre>
```

Take an array of 10 elements. Split it into middle and store the elements in two dfferent arrays. E.g.-

Discover our Dream destinations

9 8 81 1 78

10. Consider an integer array, the number of elements in which is determined by the user. The elements are also taken as input from the user. Write a program to find those pair of elements that has the maximum and minimum difference among all element pairs.

maximum difference = higest-lowest minimum difference = second lowest - lowest

11. If the input array is [10, 12, 20, 30, 25, 40, 32, 31, 35, 50, 60], your program should be able to find that the subarray lies between the indexes 3 and 8.

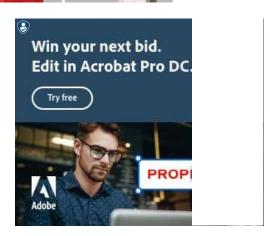








TEST MACHEN



CODESDOPE PRO

It's Simple and Conceptual

Discover our Dream destinations

Pro Course Features

- Simple Videos
- Questions to Practice
- ✓ Solved Examples
- Internship Chance*
- Certificate of Completion
- Discussion with Experts

Learn for FREE

(https://pro.codesdope.com)

New Questions

Shop for food in one of the big supermarkets - Per

(/discussion/shop-for-food-in-one-ofthe-big-supermarkets)

r1=[1,'waqq',45,'pranjal']? - Python

(/discussion/r11waqq45pranjal)

Let's talk about sports betting?

(/discussion/lets-talk-aboutsports-betting)

How to Find Your IMEI Number on Android? - C Sharp

(/discussion/how-to-find-your-imeinumber-on-android)

How to solve this problem? - C

(/discussion/how-to-solve-thisproblem)

Qu'est-ce que le jeu? - Algorithms

(/discussion/quest-ce-que-le-jeu)

Do you believe in mediums or psychics? - C Sharp

(/discussion/do-you-believe-inmediums-or-psychics)

Ask Yours (/add_question/)



(/practice/dia.nyc3.cdn.digitaloceanspaces.com/prod/media/pdf/AS

Discover our Dream destinations

Recent Posts

pow() in Python

pow() in Python

(/blog/article/pow-in-python/)

Dutch National Flag problem Sort 0, 1, 2 in an array

Dutch National Flag problem - Sort 0, 1, 2 in an array

(/blog/article/dutch-national-flagalgorithm/)
// memoryview() in Python

memoryview() in Python

(/blog/article/memoryview-inpython/) next() in Python

next() in Python

(/blog/article/next-in-python/)

Post Yours (/blog/submit-article/)



FOLLOW US

Discover our Dream destinations

BLOG (/blog/)
COURSES (/course/)
PRACTICE (/practice/)
DISCUSSION (/discussion/)
TERMS OF USE (/terms-of-use/)
PRIVACY POLICY (/privacy-policy/)
CONTACT US (/contact-us/)
ADVERTISEMENT (/advertise-with-us/)

KEEP IN TOUCH

© | www.codesdope.com (/) | All rights reserved.

Discover our Dream destinations