

```
1- /*****  
2-  
3-           Online Java Compiler.  
4-           Code, Compile, Run and Debug java program online.  
5-           Write your code in this editor and press "Run" button to execute it.  
6-  
7- *****/  
8- //Write a program to calculate the sum and average of all the values stored in the integer array  
9- import java.util.Scanner;  
10- public class Main  
11- {  
12-     public static void main(String[] args) {  
13-         int a[]={1,2,3,5,7};  
14-         int sum=0,avg;  
15-         Scanner sc=new Scanner(System.in);  
16-         for(int i : a)  
17-         {  
18-             sum+=i;  
19-         }  
20-         avg=sum/5;  
21-         System.out.println(sum);  
22-         System.out.println(avg);  
23-     }  
24- }  
25-
```

input

18
3

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code. compile. run. debug. share.

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Main.java

```
1- /*****
2
3           Online Java Compiler.
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5           Write your code in this editor and press "Run" button to execute it.
6
7           *****/
8 //Write a program to create a string array and search particular string in string array
9
10 import java.util.Arrays;
11 import java.util.*;
12 public class Main
13 {
14     public static void main(String[] args) {
15         String a[]={"dog","cat","man"};
16         Scanner sc=new Scanner(System.in);
17         String s=sc.nextLine();
18         for(int i=0;i<a.length;i++)
19         {
20             if(s.equals(a[i]))
21             {
22                 System.out.println(i);
23             }
24         }
25     }
26 }
27
28
```

man
2

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```
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2  
3      Online Java Compiler.  
4      Code, Compile, Run and Debug java program online.  
5      Write your code in this editor and press "Run" button to execute it.  
6  
7  *****/  
8  //Write a program to sort the given Integer and string array  
9  import java.util.Arrays;  
10 public class Main  
11 {  
12     public static void main(String[] args) {  
13         int a[]={10,30,2,5,6,7};  
14         String s[]{"dog","rat","cat","man"};  
15         System.out.println(Arrays.toString(a));  
16         Arrays.sort(a);  
17         System.out.println(Arrays.toString(a));  
18         System.out.println(Arrays.toString(s));  
19         Arrays.sort(s);  
20         System.out.println(Arrays.toString(s));  
21     }  
22  
23 }  
24 }  
25
```

[10, 30, 2, 5, 6, 7]
[2, 5, 6, 7, 10, 30]
[dog, rat, cat, man]
[cat, dog, man, rat]

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9- import java.util.Arrays;
10- public class Main
11- {
12-     public static void main(String[] args) {
13-         int a[]={10,30,2,5,6,7};
14-         String s[]{"dog","rat","cat","man"};
15-         System.out.println(Arrays.toString(a));
16-         Arrays.sort(a);
17-         System.out.println(Arrays.toString(a));
18-     }
19- }
20- }
21- }
```

[10, 30, 2, 5, 6, 7]
[2, 5, 6, 7, 10, 30]

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```
4      Code, Compile, Run and Debug java program online.
5      Write your code in this editor and press "Run" button to execute it.
6
7      *****/
8      //Write a program to find min and max of the given integer array in minimum code
9      import java.util.*;
10     public class Main
11     {
12         public static void main(String[] args) {
13             int a[]={10,30,2,5,6,7};
14             Arrays.sort(a);
15             System.out.println("Max"+a[a.length-1]);
16             System.out.println("Min"+a[0]);
17
18         }
19     }
20 }
21
```

Max30
Min2

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Online Java Compiler.

Code, Compile, Run and Debug java program online.

Write your code in this editor and press "Run" button to execute it.

```
3
4
5
6
7
8 //Demonstrate for-each loop for array
9 import java.util.Scanner;
10 public class Main
11 {
12     public static void main(String[] args) {
13         int a[]={1,2,3,4,5};
14         Scanner sc=new Scanner(System.in);
15         System.out.print("Enter number");
16         for(int i : a)
17             System.out.println(i);
18     }
19 }
20
```

Enter number1

2

3

4

5

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4      Code, Compile, Run and Debug java program online.
5      Write your code in this editor and press "Run" button to execute it.
6
7      *****/
8      //Write a program to calculate the sum and average of all the values stored in the integer array
9      import java.util.Scanner;
10     public class Main
11     {
12         public static void main(String[] args) {
13             int a[]={1,2,3,5,7};
14             int sum=0;
15             double avg=0;
16             Scanner sc=new Scanner(System.in);
17             for(int i : a)
18             {
19                 sum+=i;
20             }
21             avg=sum/a.length;
22             System.out.println("Sum"+sum);
23             System.out.println("Avg"+avg);
24         }
25     }
26
```

Sum18
Avg3.0

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Main.java

```
4      Code, Compile, Run and Debug java program online.
5      Write your code in this editor and press "Run" button to execute it.
6
7      +-----+
8      //Write a program to count the even numbers and odd numbers present in the Integer
9
10     import java.util.Arrays;
11     public class Main
12     {
13         public static void main(String[] args) {
14             int a[]={10,30,2,5,6,7};
15             int e=0,o=0;
16             Arrays.sort(a);
17             for(int i:a)
18             {
19                 if(i%2==0)
20                 {e++;}
21                 else
22                 {o++;}
23             }
24             System.out.println("Even"+e);
25             System.out.println("Odd"+o);
26
27
28
29         }
30     }
31
```

Even4
Odd2

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```
4      Code, Compile, Run and Debug java program online.
5      Write your code in this editor and press "Run" button to execute it.
6
7      *****/
8      //Demonstrate for-each loop for array
9      import java.util.Scanner;
10     public class Main
11     {
12         public static void main(String[] args) {
13             String a[]{"dog","cat","man"};
14             Scanner sc=new Scanner(System.in);
15             for(String i : a)
16                 System.out.println(i);
17         }
18     }
19
```



Input

dog
cat
man

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```
6 //write a program to initialise the array and display it
7 //write a program to initialise the array and display it
8 //write a program to initialise the array and display it
9 import java.util.Scanner;
10 public class Main
11 {
12     public static void main(String[] args) {
13         int a[]=new int[10];
14         Scanner sc=new Scanner(System.in);
15         System.out.print("Enter number");
16         for(int i=0;i<a.length;i++)
17         {
18             a[i]=sc.nextInt();
19         }
20         for(int j=0;j<a.length;j++)
21         {
22             System.out.print(a[j]+" ");
23         }
24     }
25 }
26 }
27
```

input

```
Enter number1 2 3 4 5 6 7 8 9 10
1 2 3 4 5 6 7 8 9 10
```

```
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```

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