

## Java Training

### ✓ Java Tutorial

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### ✓ Control Statements

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## Java Collections frequency() Method

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The **frequency()** method of Java Collections class is used to get the number of elements in the specified collection equal to the specified object.

### Syntax

Following is the declaration of **frequency()** method:

```
public static int frequency(Collections<?> c, Object obj)
```

### Parameter

Parameter	Description	Required/Optional
c	It is the collection in which to determine the frequency of obj.	Required

- Java Continue
- Java Comments
- Java Programs

## ✓ Java Object Class

- Java OOPs Concepts
- Naming Convention
- Object and Class
- Method
- Constructor
- static keyword
- this keyword

## ✓ Java Inheritance

- Inheritance(IS-A)
- Aggregation(HAS-A)

## ✓ Java Polymorphism

- Method Overloading
- Method Overriding
- Covariant Return Type
- super keyword
- Instance Initializer block
- final keyword
- Runtime Polymorphism
- Dynamic Binding
- instanceof operator

## ✓ Java Abstraction

- Abstract class
- Interface
- Abstract vs Interface

obj	It is the object whose frequency is to be determined.	Required
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## Returns

The **frequency()** method returns the number of elements in the collections c equal to the specified object obj.

## Exceptions

**NullPointerException**- This exception will be thrown if collection c is null.

## Compatibility Version

Java 1.5 and above

## ✓ Java Encapsulation

- ➔ Package
- ➔ Access Modifiers
- ➔ Encapsulation

## ✓ Java Array

- ➔ Java Array

## ✓ Java OOPs Misc

- ➔ Object class
- ➔ Object Cloning
- ➔ Math class
- ➔ Wrapper Class
- ➔ Java Recursion
- ➔ Call By Value
- ➔ strictfp keyword
- ➔ javadoc tool
- ➔ Command Line Arg
- ➔ Object vs Class
- ➔ Overloading vs Overriding

## ✓ Java String

## ✓ Java Regex

## ✓ Exception Handling

## ✓ Java Inner classes

## ✓ Java Multithreading

## ✓ Java I/O

## ✓ Java Networking

## ✓ Java AWT & Events

## ✓ Java Swing

# Example 1

```
import java.util.*;

public class CollectionsFrequencyExample1 {

    public static void main(String[] args) {

        //Create a list object
        List<String> arrlist = new ArrayList<String>();

        //Add elements in the list
        arrlist.add("Java");
        arrlist.add("COBOL");
        arrlist.add("Java");
        arrlist.add("C++");
        arrlist.add("Java");

        System.out.println("List of elements: "+arrlist);

        //Count the frequency of the given word
        System.out.println("Frequency of the Word: "+Collections.frequency(arrlist,"Java"));

    }

}
```

✓ Test it Now

### Output:

```
List of elements: [Java, COBOL, Java, C++, Java]
Frequency of the Word: 3
```

# Example 2

- ✓ JavaFX
- ✓ Java Applet
- ✓ Java Reflection
- ✓ Java Date
- ✓ Java Conversion
- ✓ Java Collection
- ✓ Java JDBC
- ✓ Java Misc
- ✓ Java New Features
- ✓ RMI
- ✓ Internationalization
- ✓ Interview Questions
- ✓ Java MCQ

```
import java.util.*;

public class CollectionsFrequencyExample2 {

    public static void main(String[] args) {

        //Create a list object
        List<Integer> list = new ArrayList<>();

        list.add(1);
        list.add(2);
        list.add(1);
        list.add(3);
        list.add(2);
        list.add(3);
        list.add(4);

        System.out.println("List of elements: "+list);
        System.out.println("\nCount all with frequency:");

        Set<Integer> uniqueSet = new HashSet<Integer>(list);
        for (Integer i : uniqueSet) {
            System.out.println(i + ": " + Collections.frequency(list, i));
        }
    }
}
```

✓ Test it Now

#### Output:

```
List of elements: [1, 2, 1, 3, 2, 3, 4]
Count all with frequency:
```

```
1: 2
2: 2
3: 2
4: 1
```

## Example 3

```
import java.util.*;
public class CollectionsFrequencyExample3 {
    public static void main(String[] args) {
        // Let us create an array of integers
        Integer arr[] = {20, 10, 20, 30, 20, 40, 20};
        int freq = Collections.frequency(Arrays.asList(arr), 20);
        System.out.println("Frequency of 20 is: "+freq);
    }
}
```

 **Test it Now**

### Output:

```
Frequency of 20 is: 4
```

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## Preparation



Aptitude

Aptitude



Logical  
Reasoning

Reasoning



Verbal Ability

Verbal A.



Interview  
Questions

Interview



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## Trending Technologies



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