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Hello Java Program Love Collections from Love () Mothed - prev								next →										
 → Program Internal → How to set path? → JDK, JRE and JVM → JVM: Java Virtual Machine → Java Variables 			Java Collections frequency() Method															
			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							
											→ Java Data Types			Syntax				
			→ Unicode System			Following is the declaration of frequency() method:												
Operators																		
→ Keywords✓ Control Statements			<pre>public static int frequency(Collections<?> c, Object obj)</pre>															
												Java If-else			Param	ameter		
Java Switch			Parameter															
→ Java For Loop)																	
→ Java While Lo	оор		Param	eter Desc	cription				Re	quired/O	ptional							
→ Java Do While Loop → Java Break			_	T	de e e He ett.	latala da esta de esta			_									
			С		the collection in w	nich to determi	ine the fre	quency of	Keq	uired								
				obj.														

→ Java Continue

obj

It is the object whose frequency is to be determined.

Required

Java Programs✓ Java Object Class

→ Object and Class

Method

→ Constructor

→ static keyword

→ this keyword

√ Java Inheritance

→ Aggregation(HAS-A)

√ Java Polymorphism

Method Overloading

Method Overriding

→ super keyword

→ final keyword

Runtime Polymorphism

Dynamic Binding

→ instanceof operator

√ Java Abstraction

Abstract class

→ Abstract vs Interface

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
- 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);
    }
}
```

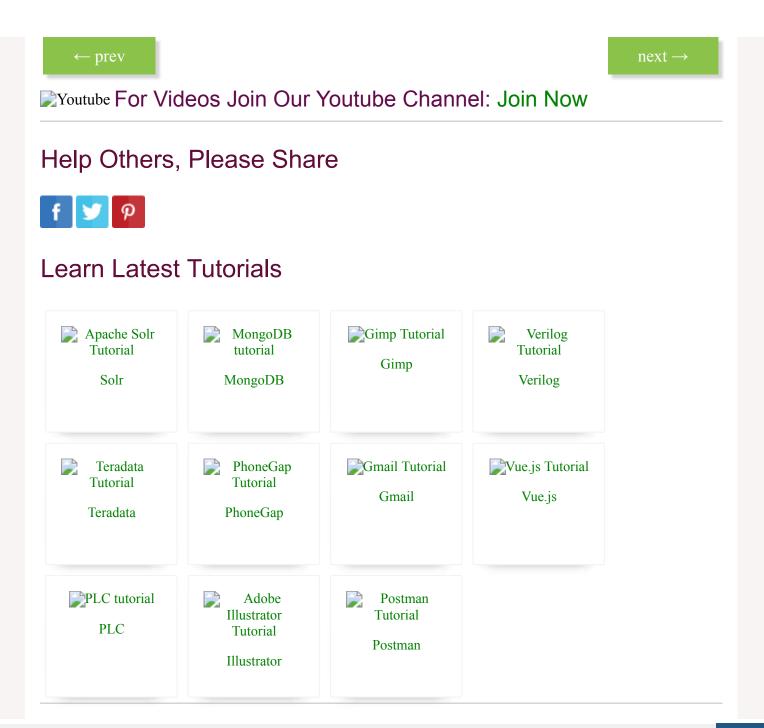
☑ Test it Now

Output:

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

Next Topic

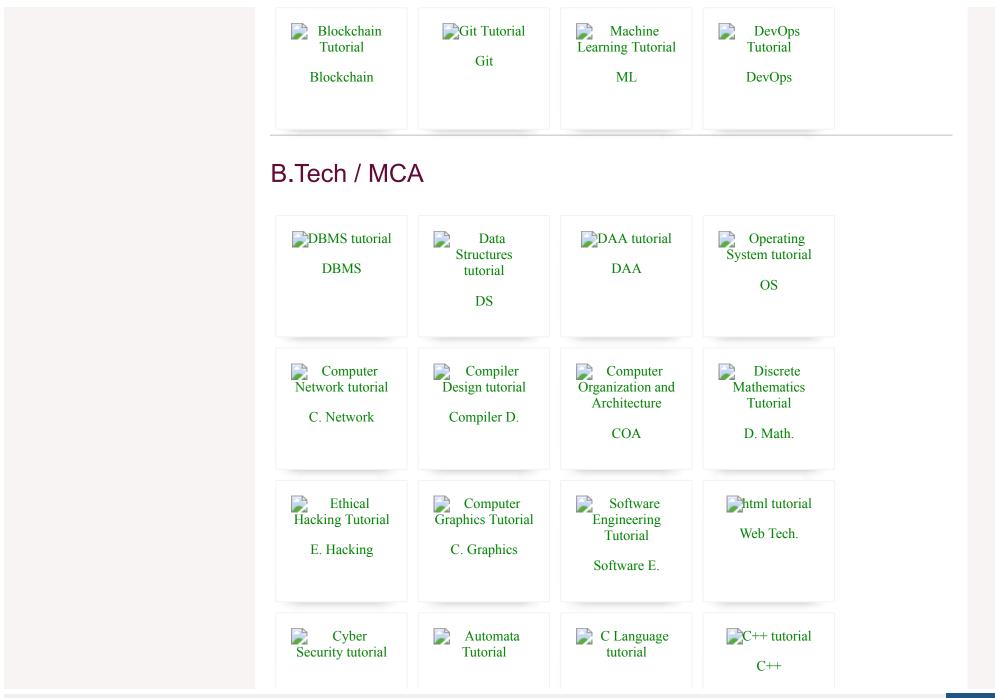
Java Collections Class

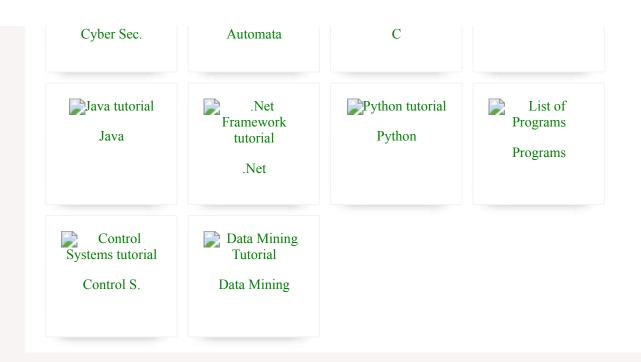




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