

JAVA.UTIL.HASHTABLE.CONTAINSKEY METHOD

http://www.tutorialspoint.com/java/util/hashtable_containskey.htm

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Description

The **containsKey** *Object* *key* method is used to test if the specified object is a key in this hashtable.

Declaration

Following is the declaration for **java.util.Hashtable.containsKey** method.

```
public boolean containsKey(Object key)
```

Parameters

- **key** -- This is the a key to be searched.

Return Value

The method call returns true if and only if the specified object is a key in this hashtable.

Exception

- **NullPointerException** -- This is thrown if the key is null.

Example

The following example shows the usage of java.util.Hashtable.containsKey

```
package com.tutorialspoint;

import java.util.*;

public class HashtableDemo {
    public static void main(String args[]) {
        // create hash table
        Hashtable htable = new Hashtable();

        // put values into the table
        htable.put(1, "A");
        htable.put(2, "B");
        htable.put(3, "C");
        htable.put(4, "D");

        // check if table contains key "3"
        boolean isavailable=htable.containsKey(3);

        // display search result
        System.out.println("Hash table contains key '3': "+isavailable);
    }
}
```

Let us compile and run the above program, this will produce the following result.

```
Hash table contains key '3': true
```

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