JAVA.UTIL.ARRAYS.HASHCODE*BOOLEAN*[] METHOD

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Description

The **java.util.Arrays.hashCode*boolean*[]** method returns a hash code based on the contents of the specified array. For any two boolean arrays a and b such that *Arrays.equals*a, b, it is also the case that *Arrays.hashCode*a == *Arrays.hashCode*b.

Declaration

Following is the declaration for **java.util.Arrays.hashCode** method

```
public static int hashCode(boolean[] a)
```

Parameters

- **a** -- This is the array whose hash value to compute.

Return Value

This method returns a content-based hash code for *a*.

Exception

- **NA**

Example

The following example shows the usage of java.util.Arrays.hashCode method.

```
package com.tutorialspoint;

import java.util.Arrays;

public class ArrayDemo {

   public static void main(String[] args) {

   // initializing boolean array
   boolean[] bval = new boolean[] { true };

   // hashcode for value1
   int retval = bval.hashCode();

   // printing hash code value
   System.out.println("The hash code of value1 is: " + retval);

   // value2 for boolean array
   bval=new boolean[] { false };

   // hashcode for value2
   retval=bval.hashCode();

   // printing hash code value
   System.out.println("The hash code of value2 is: " + retval);
   }
}
```

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

```
The hash code of value1 is: 4072869
The hash code of value2 is: 1671711
```

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