Description

The **java.util.Arrays.deepHashCode**$Object$**[]** method returns a hash code based on the "deep contents" of the specified array.For any two arrays a and b such that Arrays.deepEqualsa, b, it is also the case that Arrays.deepHashCode$a$ == Arrays.deepHashCode$b$.

Declaration

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

```
public static int deepHashCode(Object[] a)
```

Parameters

- **a** -- This is the array whose deep-content-based hash code to compute.

Return Value

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

Exception

- **NA**

Example

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

```java
package com.tutorialspoint;

import java.util.Arrays;

public class ArrayDemo {

   public static void main(String[] args) {

   //initializing an object array
   Object[] ob={ "tuts","point" };

   // deephashcode for object ob
   int retval=Arrays.deepHashCode(ob);

   // printing value
   System.out.println("The Hash Code of ob is:" + retval);
   }
}
```

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

```
The Hash Code of ob is:217575569
```

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