JAVA.LANG.OBJECT.HASHCODE METHOD

Description

The **java.lang.Object.hashCode** method returns a hash code value for the object. This method is supported for the benefit of hashtables such as those provided by java.util.Hashtable.

Declaration

Following is the declaration for **java.lang.Object.hashCode** method

```
public int hashCode()
```

Parameters

- **NA**

Return Value

This method returns a hash code value for this object.

Exception

- **NA**

Example

The following example shows the usage of lang.Object.hashCode method.

```java
package com.tutorialspoint;

import java.util.GregorianCalendar;

public class ObjectDemo {

   public static void main(String[] args) {

   // create a new ObjectDemo object
   GregorianCalendar cal = new GregorianCalendar();

   // print current time
   System.out.println("" + cal.getTime());

   // print a hashcode for cal
   System.out.println("" + cal.hashCode());

   // create a new Integer
   Integer i = new Integer(5);

   // print i
   System.out.println("" + i);

   // print hashcode for i
   System.out.println("" + i.hashCode());
   }
}
```

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

```
Sat Sep 22 00:35:34 EEST 2012
-458465658
5
```

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