

JAVA.LANG.ENUM.HASHCODE METHOD

http://www.tutorialspoint.com/java/lang/enum_hashcode.htm

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Description

The **java.lang.Enum.hashCode** method returns a hash code for this enum constant.

Declaration

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

```
public final int hashCode()
```

Parameters

- NA

Return Value

This method returns a hash code for this enum constant.

Exception

- NA

Example

The following example shows the usage of java.lang.Enum.hashCode method.

```
package com.tutorialspoint;

import java.lang.*;

// enum showing programming languages
enum Language {
    C, Java, PHP;
}

public class EnumDemo {

    public static void main(String args[]) {

        // returns the name and hashCode of this enum constant
        System.out.print("Programming in " + Language.C.toString());
        System.out.println(", Hashcode = " + Language.C.hashCode());
        System.out.print("Programming in " + Language.Java.toString());
        System.out.println(", Hashcode = " + Language.Java.hashCode());
        System.out.print("Programming in " + Language.PHP.toString());
        System.out.println(", Hashcode = " + Language.PHP.hashCode());
    }
}
```

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

```
Programming in C, Hashcode = 1569228633
Programming in Java, Hashcode = 778966024
Programming in PHP, Hashcode = 1021653256
```

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