

JAVA.LANG.CLASS.GETMODIFIERS METHOD

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

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Description

The **java.lang.Class.getModifiers** returns the Java language modifiers for this class or interface, encoded in an integer. The modifiers consist of the Java Virtual Machine's constants for public, protected, private, final, static, abstract and interface; they should be decoded using the methods of class Modifier.

Declaration

Following is the declaration for **java.lang.Class.getModifiers** method

```
public int getModifiers()
```

Parameters

- NA

Return Value

This method returns the int representing the modifiers for this class.

Exception

- NA

Example

The following example shows the usage of java.lang.Class.getModifiers method.

```
package com.tutorialspoint;

import java.lang.*;

public class ClassDemo {

    public static void main(String[] args) {

        ClassDemo c = new ClassDemo();
        Class cls = c.getClass();

        // returns the Java language modifiers for this class
        int i = cls.getModifiers();
        String retval = Modifier.toString(i);
        System.out.println("Class Modifier = " + retval);
    }
}
```

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

```
Class Modifier = public
```

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