

JAVA.LANG.OBJECT.GETCLASS METHOD

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

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Description

The **java.lang.Object.getClass** method returns the runtime class of an object. That Class object is the object that is locked by static synchronized methods of the represented class.

Declaration

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

```
public final Class getClass()
```

Parameters

- NA

Return Value

This method returns the object of type Class that represents the runtime class of the object.

Exception

- NA

Example

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

```
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("Time: " + cal.getTime());

        // print the class of cal
        System.out.println("Class: " + cal.getClass());

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

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

        // print the class of i
        System.out.println("Class: " + i.getClass());
    }
}
```

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

```
Sat Sep 22 00:31:24 EEST 2012
class java.util.GregorianCalendar
5
```

`class java.lang.Integer`

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