

JAVA.LANG.CLASS.ISSYNTHETIC METHOD

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

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Description

The **java.lang.Class.isSynthetic** returns true if this class is a synthetic class, else returns false.

Declaration

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

```
public boolean isSynthetic()
```

Parameters

- NA

Return Value

This method returns true if and only if this class is a synthetic class as defined by the Java Language Specification.

Exception

- NA

Example

The following example shows the usage of java.lang.Class.isSynthetic 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 true if this class is a synthetic class, else false
        boolean retval = cls.isSynthetic();
        System.out.println("It is a synthetic class ? " + retval);
    }
}
```

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

```
It is a synthetic class ? false
```

```
Loading [MathJax]/jax/output/HTML-CSS/jax.js
```