

JAVA.LANG.CLASS.ISPRIMITIVE METHOD

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

Copyright © tutorialspoint.com

Description

The **java.lang.Class.isPrimitive** determines if the specified Class object represents a primitive type. There are nine predefined Class objects to represent the eight primitive types and void. These are created by the Java Virtual Machine, and have the same names as the primitive types that they represent i.e. boolean, byte, char, short, int, long, float, and double.

Declaration

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

```
public boolean isPrimitive()
```

Parameters

- NA

Return Value

This method returns true if and only if this class represents a primitive type.

Exception

- NA

Example

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

```
package com.tutorialspoint;

import java.lang.*;

public class ClassDemo {

    public static void main(String[] args) {

        // returns the Class object associated with this class
        ClassDemo c1 = new ClassDemo();
        Class c1Class = c1.getClass();

        // returns the Class object associated with an integer
        int k = 5;
        Class kClass = int.class;

        // checking for primitive type
        boolean retval1 = c1Class.isPrimitive();
        System.out.println("c1 is primitive type? = " + retval1);

        // checking for primitive type?
        boolean retval2 = kClass.isPrimitive();
        System.out.println("k is primitive type? = " + retval2);
    }
}
```

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

```
c1 is primitive type? = false
k is primitive type? = true
```

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