

JAVA.LANG.BOOLEAN.VALUEOF METHOD

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

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Description

The **java.lang.Boolean.valueOf***boolean b* returns a Boolean instance representing the specified boolean value. If the specified boolean value is true, this method returns Boolean.TRUE; if it is false, this method returns Boolean.FALSE.

If a new Boolean instance is not required, this method should generally be used in preference to the constructor *Boolean(boolean)*, as this method is likely to yield significantly better space and time performance.

Declaration

Following is the declaration for **java.lang.Boolean.valueOf** method

```
public static Boolean valueOf(boolean b)
```

Parameters

- **b** - a boolean value

Return Value

This method returns a Boolean instance representing b.

Exception

- NA

Example

The following example shows the usage of lang.Boolean.valueOf method.

```
package com.tutorialspoint;

import java.lang.*;

public class BooleanDemo {

    public static void main(String[] args) {

        // create 2 Boolean objects b1, b2
        Boolean b1, b2;

        // create 2 boolean primitives and assign values
        boolean bool1 = true;
        boolean bool2 = false;

        /**
         * static method is called using class name
         * assign result of valueOf method on bool1, bool2 to b1, b2
         */
        b1 = Boolean.valueOf(bool1);
        b2 = Boolean.valueOf(bool2);

        String str1 = "Boolean instance of primitive " + bool1 + " is " + b1;
        String str2 = "Boolean instance of primitive " + bool2 + " is " + b2;

        // print b1, b2 values
        System.out.println( str1 );
        System.out.println( str2 );
    }
}
```

```
}
```

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

```
Boolean instance of primitive true is true  
Boolean instance of primitive false is false
```

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