

JAVA.LANG.BYTE.VALUEOF METHOD

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

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Description

The **java.lang.Byte.valueOf***byteb* returns a Byte instance representing the specified byte value.

If a new Byte instance is not required, this method should generally be used in preference to the constructor *Bytebyte*, as this method is likely to yield significantly better space and time performance since all byte values are cached.

Declaration

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

```
public static Byte valueOf(byte b)
```

Parameters

- **b** - a byte value

Return Value

This method returns a Byte instance representing b.

Exception

- NA

Example

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

```
package com.tutorialspoint;

import java.lang.*;

public class ByteDemo {

    public static void main(String[] args) {

        // create a byte primitive bt and assign value
        byte bt = -20;

        // create a Byte object b
        Byte b;

        /**
         * static method is called using class name.
         * assign Byte instance value of bt to b
         */
        b = Byte.valueOf(bt);

        String str = "Byte value of byte primitive " + bt + " is " + b;

        // print b value
        System.out.println( str );
    }
}
```

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

```
Byte value of byte primitive -20 is -20
```

