

JAVA.UTIL.RANDOM.NEXTGAUSSIAN METHOD

http://www.tutorialspoint.com/java/util/random_nextgaussian.htm

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Description

The **nextGaussian** method is used to get the next pseudorandom, Gaussian "normally" distributed double value with mean 0.0 and standard deviation 1.0 from this random number generator's sequence.

Declaration

Following is the declaration for **java.util.Random.nextGaussian** method.

```
public double nextGaussian()
```

Parameters

- NA

Return Value

The method call returns the next pseudorandom, Gaussian "normally" distributed double value with mean 0.0 and standard deviation 1.0 from this random number generator's sequence.

Exception

- NA

Example

The following example shows the usage of `java.util.Random.nextGaussian`

```
package com.tutorialspoint;

import java.util.*;

public class RandomDemo {
    public static void main( String args[] ){
        // create random object
        Random randomno = new Random();

        // check next Gaussian value
        System.out.println("Next Gaussian value: " + randomno.nextGaussian());
    }
}
```

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

```
Next Gaussian value: -0.6697160313274964
```

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