

JAVA.UTIL.RANDOM.NEXTINT METHOD

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

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Description

The **nextInt** method is used to get a pseudorandom, uniformly distributed int value between 0 *inclusive* and the specified value *exclusive*, drawn from this random number generator's sequence.

Declaration

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

```
public int nextInt(int n)
```

Parameters

- **n** -- This is the bound on the random number to be returned. Must be positive.

Return Value

The method call returns a pseudorandom, uniformly distributed int value between 0 *inclusive* and n *exclusive*.

Exception

- **IllegalArgumentException** -- This is thrown if n is not positive.

Example

The following example shows the usage of java.util.Random.nextInt

```
package com.tutorialspoint;

import java.util.*;

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

        // check next int value
        System.out.println("Next int value: " + randomno.nextInt(10000));
    }
}
```

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

```
Next int value: 2110
```

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