

JAVA.UTIL.SCANNER.HASNEXTINT METHOD

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

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Description

The **java.util.Scanner.hasNextInt** method returns true if the next token in this scanner's input can be interpreted as an int value in the specified radix using the nextInt method. The scanner does not advance past any input.

Declaration

Following is the declaration for **java.util.Scanner.hasNextInt** method

```
public boolean hasNextInt(int radix)
```

Parameters

- **radix** -- the radix used to interpret the token as an int value

Return Value

This method returns true if and only if this scanner's next token is a valid int value

Exception

- **IllegalStateException** -- if this scanner is closed

Example

The following example shows the usage of java.util.Scanner.hasNextInt method.

```
package com.tutorialspoint;

import java.util.*;

public class ScannerDemo {

    public static void main(String[] args) {

        String s = "Hello World! 3 + 3.0 = 6 ";

        // create a new scanner with the specified String Object
        Scanner scanner = new Scanner(s);

        while (scanner.hasNext()) {
            // check if the scanner's next token is an int with a radix of 4
            System.out.println("'" + scanner.hasNextInt(4));

            // print what is scanned
            System.out.println("'" + scanner.next());
        }

        // close the scanner
        scanner.close();
    }
}
```

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

```
false
Hello
false
World!
```

```
true
3
false
+
false
3.0
false
=
false
6
```

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