

JAVA.UTIL.SCANNER.NEXT METHOD

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

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Description

The **java.util.Scanner.next** method finds and returns the next complete token from this scanner. A complete token is preceded and followed by input that matches the delimiter pattern. This method may block while waiting for input to scan, even if a previous invocation of `hasNext` returned true.

Declaration

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

```
public String next()
```

Parameters

- NA

Return Value

This method returns the next token

Exception

- **NoSuchElementException** -- if no more tokens are available
- **IllegalStateException** -- if this scanner is closed

Example

The following example shows the usage of `java.util.Scanner.next` 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);

        // find the next token and print it
        System.out.println("'" + scanner.next());

        // find the next token and print it
        System.out.println("'" + scanner.next());

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

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

```
Hello
World!
```

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