

JAVA.UTIL.SCANNER.NEXT METHOD

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

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Description

The **java.util.Scanner.nextStringpattern** method returns the next token if it matches the pattern constructed from the specified string. If the match is successful, the scanner advances past the input that matched the pattern.

Declaration

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

```
public String next(String pattern)
```

Parameters

- **pattern** -- a string specifying the pattern to scan

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);

        // check if next token matches the pattern and print it
        System.out.println("'" + scanner.next("Hello"));

        // check if next token matches the pattern and print it
        System.out.println("'" + scanner.next("World!"));

        // 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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