

JAVA.UTIL.SCANNER.SKIP METHOD

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

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Description

The **java.util.Scanner.skip***Patternpattern* method skips input that matches the specified pattern, ignoring delimiters. This method will skip input if an anchored match of the specified pattern succeeds. If a match to the specified pattern is not found at the current position, then no input is skipped and a `NoSuchElementException` is thrown.

Declaration

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

```
public Scanner skip(Pattern pattern)
```

Parameters

- **pattern** -- a string specifying the pattern to skip over

Return Value

This method returns this scanner

Exception

- **NoSuchElementException** -- if the specified pattern is not found
- **IllegalStateException** -- if this scanner is closed

Example

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

```
package com.tutorialspoint;

import java.util.*;
import java.util.regex.Pattern;

public class ScannerDemo {

    public static void main(String[] args) {

        String s = "Hello World! 3 + 3.0 = 6.0 true ";

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

        // skip the word that matches the pattern ..llo
        scanner.skip(Pattern.compile("..llo"));

        // print a line of the scanner
        System.out.println("'" + scanner.nextLine());

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

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

```
World! 3 + 3.0 = 6.0 true
```

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