JAVA.UTIL.SCANNER.NEXTBOOLEAN METHOD

Description

The **java.util.Scanner.nextBoolean** method scans the next token of the input into a boolean value and returns that value. This method will throw InputMismatchException if the next token cannot be translated into a valid boolean value. If the match is successful, the scanner advances past the input that matched.

Declaration

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

```
public boolean nextBoolean()
```

Parameters

- **NA**

Return Value

This method returns the boolean scanned from the input

Exception

- **InputMismatchException** -- if the next token is not a valid boolean

- **NoSuchElementException** -- if the input is exhausted

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

Example

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

```java
package com.tutorialspoint;

import java.util.*;

public class ScannerDemo {

   public static void main(String[] args) {

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

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

   // find the next boolean token and print it
   // loop for the whole scanner
   while (scanner.hasNext()) {

   // if the next is boolean, print found and the boolean
   if (scanner.hasNextBoolean()) {
   System.out.println("Found :" + scanner.nextBoolean());
   }

   // if a boolean is not found, print "Not Found" and the token
   System.out.println("Not Found :" + scanner.next());
   }

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

```
    }
}
```

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

```
Not Found :Hello
Found :true
Not Found :World!
Not Found :3
Not Found :+
Not Found :3.0
Not Found :=
Not Found :6
```