

```
import java.util.Scanner;
```

The Scanner Class

A simple text scanner for reading input values of primitive types or input strings. It breaks its input into tokens using its delimiter(s), which are white space characters (space, tab, newline) unless specified otherwise. These tokens may be converted to into values of the appropriate types.

Constructors:

```
Scanner(InputStream source)
```

```
Scanner(File source)
```

```
Scanner(String source)
```

Creates a Scanner object to scan (read) values from the specified source.

E.g., `Scanner console = new Scanner(System.in);`

Selected Methods:

```
String nextLine()
```

Reads and returns the next line of input as a string. (Specifically, it reads and returns all the remaining characters on the line as a character string, and then moves to the next line.)

```
String next()
```

Reads and returns the next input token as a character string.

```
double nextDouble()
```

Reads and returns a double value. If the next token cannot be translated to a double, throws `InputMismatchException`.

```
int nextInt()
```

Reads and returns an int value. If the next token cannot be translated to an int, throws `InputMismatchException`.

```
boolean hasNextLine()
```

Returns true if there is another line of input. Does not read past the line.

```
boolean hasNext()
```

Returns true if there is another token. Does not read past the token.

```
boolean hasNextDouble()
```

Returns true if there is another token that can be translated as a double. Does not read past the token.

```
boolean hasNextInt()
```

Returns true if there is another token that can be translated as a int. Does not read past the token.