

Essential Computing 1

Documentation

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Oracle docs

<https://docs.oracle.com/javase/10/docs/api/java/util/Scanner.html>

← → ↻ docs.oracle.com/javase/10/docs/api/java/util/Scanner.html

OVERVIEW MODULE PACKAGE **CLASS** USE TREE DEPRECATED INDEX HELP

PREV CLASS NEXT CLASS FRAMES NO FRAMES ALL CLASSES

SUMMARY: NESTED | FIELD | CONSTR | METHOD DETAIL: FIELD | CONSTR | METHOD

java.util.Scanner

All Implemented Interfaces:
Closeable, AutoCloseable, Iterator<String>

public final class **Scanner**
extends `Object`
implements `Iterator<String>`, `Closeable`

A simple text scanner which can parse primitive types and strings using regular expressions.

A Scanner breaks its input into tokens using a delimiter pattern, which by default is whitespace. The resulting tokens may then be converted into values of different types using the `next` methods.

For example, this code allows a user to read a number from `System.in`:

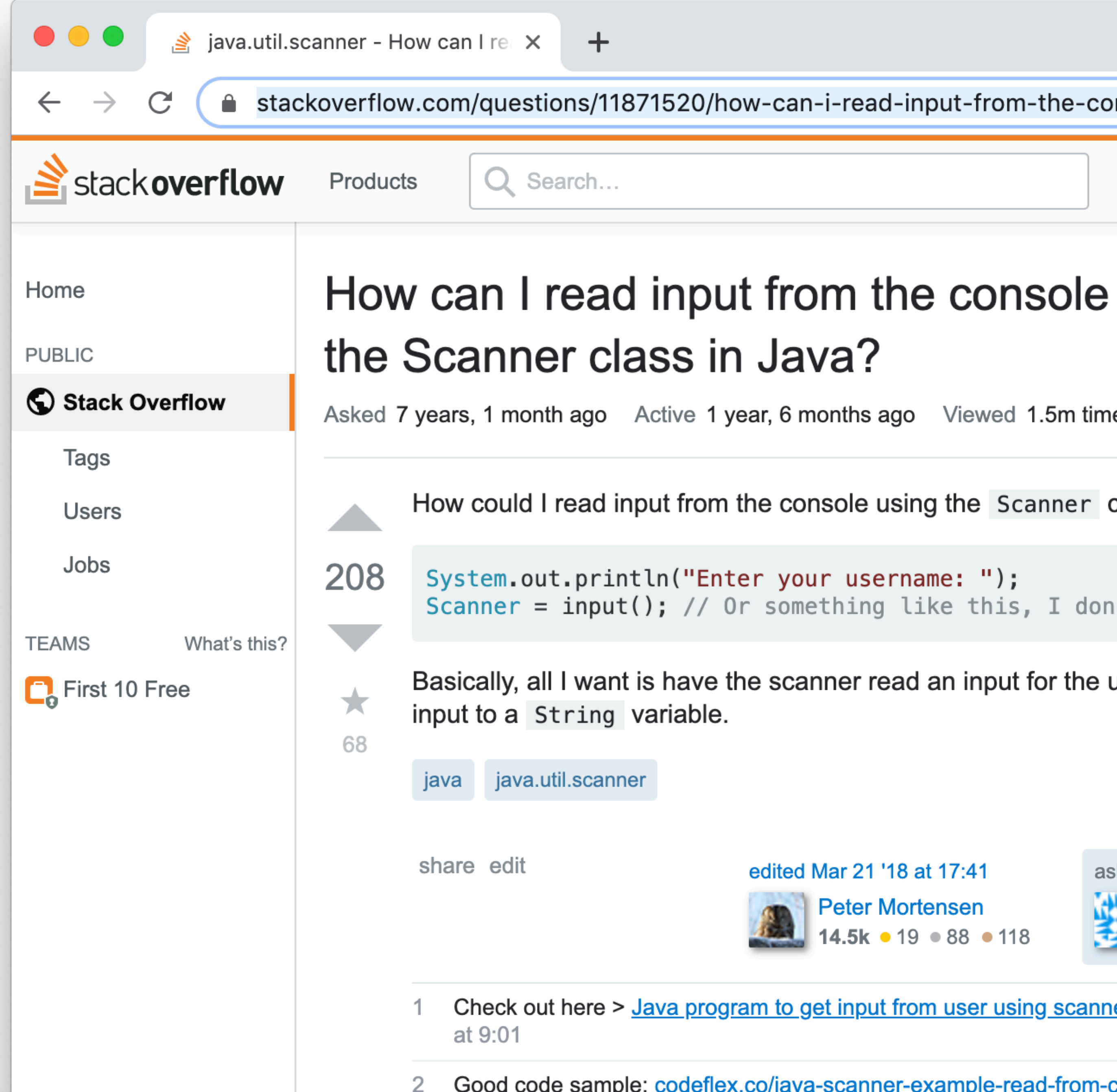
```
Scanner sc = new Scanner(System.in);  
int i = sc.nextInt();
```

As another example, this code allows long types to be assigned from entries in a file:

```
Scanner sc = new Scanner(new File("myNumbers"));  
while (sc.hasNextLong()) {  
    long value = sc.nextLong();  
}
```

Stack Overflow

<https://stackoverflow.com/questions/11871520/how-can-i-read-input-from-the-console-using-the-scanner-class-in-java>



The screenshot shows a web browser window with a single tab titled "java.util.scanner - How can I read...". The address bar displays the URL "stackoverflow.com/questions/11871520/how-can-i-read-input-from-the-console-using-the-scanner-class-in-java". The Stack Overflow logo and navigation links (Home, PUBLIC, Stack Overflow, Tags, Users, Jobs, TEAMS, What's this?) are visible in the header. The main content area displays a question titled "How can I read input from the console using the Scanner class in Java?". The question is marked as "Asked 7 years, 1 month ago", "Active 1 year, 6 months ago", and "Viewed 1.5m times". It has 208 votes and 68 answers. The top answer, by Peter Mortensen, provides a code snippet:

```
System.out.println("Enter your username: ");
Scanner = input(); // Or something like this, I don't know
```

 and a brief explanation: "Basically, all I want is have the scanner read an input for the user and store the input to a String variable." The answer is tagged with "java" and "java.util.scanner". The user's profile shows a reputation of 14.5k and 118 answers. The bottom of the page features a footer with a disclaimer: "By using our site, you acknowledge that you have read and understand our Cookie Policy, Privacy Policy, and Terms of Service."

java.util.scanner - How can I read...

stackoverflow.com/questions/11871520/how-can-i-read-input-from-the-console-using-the-scanner-class-in-java

stackoverflow

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How can I read input from the console using the Scanner class in Java?

Asked 7 years, 1 month ago Active 1 year, 6 months ago Viewed 1.5m times

208

68

How could I read input from the console using the Scanner class in Java?

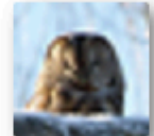
```
System.out.println("Enter your username: ");
Scanner = input(); // Or something like this, I don't know
```

Basically, all I want is have the scanner read an input for the user and store the input to a String variable.

java java.util.scanner

share edit

edited Mar 21 '18 at 17:41

 Peter Mortensen
14.5k 19 88 118

1 Check out here > [Java program to get input from user using scanner](#) at 9:01

2 Good code sample: [codeflex.co/java-scanner-example-read-from-console](#)

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Generating documentation

Using Javadoc (part of the JDK)
directly from IntelliJ IDEA

Special comments
that are picked up
by **javadoc**

```
/**
 * This is the main class responsible for doing stuff.
 */
public class Main {

    /**
     * This is the main method, starting the program.
     */
    public static void main(String[] args) {
        doStuff();
    }

    /**
     * This method will do stuff.
     */
    static void doStuff() {
        // Code here
    }
}
```

IntelliJ IDEA

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help

Slides [~/Work/Teaching/2019_08 HumTek EC1/Plan/03 Void methods, ...]

Slides > src > Main

Project ▾ ⊕ ⊖ ⚙ — Main.java ×

Slides ~/Work/Teaching/2019_08 HumTek EC1/Plan/03 Void methods, ...

▶ .idea

▶ doc

▶ src

Slides.iml

▶ External Libraries

▶ Scratches and Consoles

1 import java.util.Scanner

2

3 /**

4 ** This is the main class responsible for "doing stuff".*

5 * */

6 ▶ public class Main {

7

8 /**

9 ** This is the main method, starting the program.*

10 ** @param args*

11 */

12 ▶ public static void main(String[] args){

13 doStuff();

14 }

15

16 /**

17 ** This method will do stuff.*

18 */

Tools ▾

Save File as Template...

Save Project as Template...

Manage Project Templates...

Generate JavaDoc...

IDE Scripting Console

Create Command-line Launcher...

JShell Console...

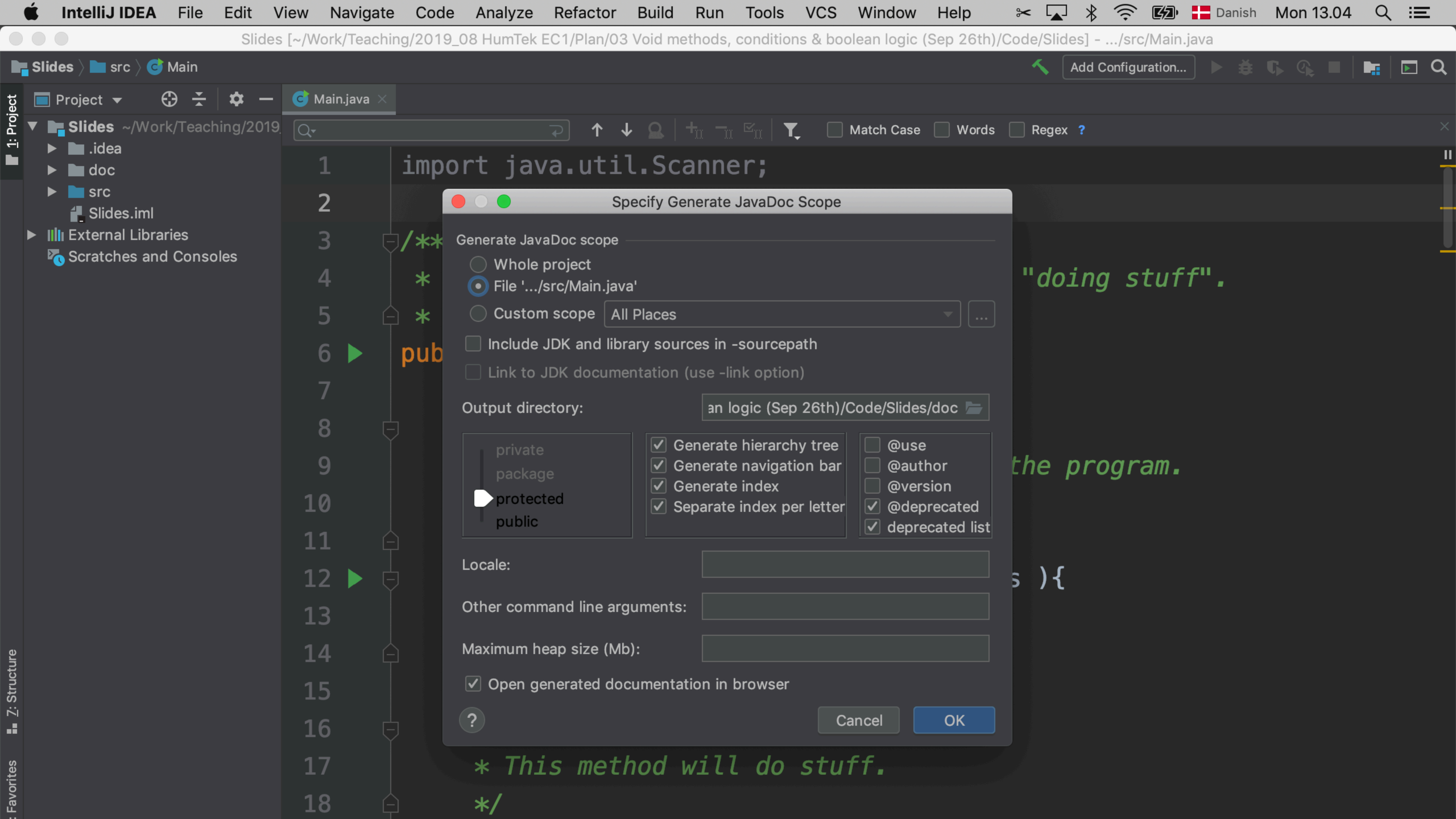
Groovy Console...

Kotlin

...e/Slides] - .../src/Main.java

⏮ Add Configuration... ▶ ⚙ ↺ ⏮

Regex ?



Essential com: DeltagereThe simple math behind deBinary Number SystemMain

File | /Users/CarlEmail/Work/Teaching/2019_08%20HumTek%20EC1/Plan/03%20Void%20methods,%2...SEARCH:

PACKAGECLASSTREEDEPRECATEDINDEXHELP

SUMMARY: NESTED | FIELD | CONSTR | METHODDETAIL: FIELD | CONSTR | METHOD

Class Main

java.lang.ObjectMain

public class Main
extends java.lang.Object

This is the main class responsible for doing stuff.

Constructor Summary

Constructors

Constructor	Description
Main()	

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