An Introduction to IntelliJ

IntelliJ IDE for Java Developers

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Java

" Most people talk about Java the language, and this may sound odd coming from me, but I could hardly care less. At the core of the Java ecosystem is the JVM. "

James Gosling,

Creator of the Java Programming Language(2011, TheServerSide)



JVM Language History







IntelliJ and the JVM





IntelliJ and the JVM



GitHub Most Popular Languages



Installing IntelliJ

BEFORE you install IntelliJ Download and Install the **JDK** first using IE on windows or Safari on OSX!

2 IntelliJ Editions:

- **Community** (free) is a subset of
- Ultimate (paid)



As a WIT student you can use **ULTIMATE**

The following slides show how to install Community Edition. Lab 07a demonstrates similar steps to install Ultimate instead. Use Ultimate!









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Choose Start Menu Folder

Choose a Start Menu folder for the IntelliJ IDEA Community Edition shortcuts.

Select the Start Menu folder in which you would like to create the program's shortcuts. You can also enter a name to create a new folder.

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IntelliJ IDEA Community Edition Setup





Now that you have installed the JDK and IntelliJ, let's create and run our first project.

We will print **HelloWorld!** to the console.



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Last updated: 14th March 2016

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Reject and Exit

Reaching out

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You will come across a lot of these plugins, in some form or other, during the course.

6

At the moment, we won't be using them, so click Next.

UI Themes → Default plugins → Featured plugins Download featured plugins We have a few plugins in our repository that most users like to download. Perhaps, you need them too?				
We have a few plugins in our repository that most users like to download. Perhaps, you need them too?				
Scala	IdeaVim	IDE Features Trainer		
Custom Languages	Editor	Code tools		
Plugin for Scala language support	Emulates Vim editor	Learn basic shortcuts and essential IDE features with quick interactive exercises		
	A Recommended only if you are familiar with Vim.			
Install	Install and Enable	Install		
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New plugins can also be downloaded in Setting:	s Plugins	Start uring Intellia IDEA		



You will see this splash screen and then...



click on the Create New Project link

You may get this...no SDK. If so, click on the "New..." button

New Project	
Java FX	Project SDK: V New
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Kotlin	
	Use library: [No library selected]
	Error: library is not specified
	Previous Next Cancel Help





New Project
Project name: HelloWorld
Project location: C:\Users\sdrohan.WIT\IdeaProjects\HelloWorld
► More Settings
Previous Finish Cancel Help
Enter project name (HelloWorld) and if you are happy with
the default location, click Finish.







Right click on **src** folder....select **New → Java Class**

	🛛 Create	New Class		×
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🛛 HelloWorld [C:\Users\sdrohan.WIT\IdeaProjects\HelloWorld]\src\Main.java [HelloWorld] - IntelliJ IDEA	
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HelloWorld > src > C Main >	
Project ▼ ⊕ ≑ ♣ ↓ I ⁺ C Main.java ×	
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Ctrl+Shift+F10 Llo World!");	
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21	
Click on the green triangle beside the main method	
i nen select kun 'iviain.main() '	



Let's look at where our Main.class file lives...



Main.class is the bytecode of Main.Java

Questions?

