# Install the IntelliJ IDEA and Run Java

### For Windows OS, Mac book, and Linux users

Download website shown below. Alternative: check YouTube for more info.

https://www.jetbrains.com/idea/download/#section=windows



### Select Community - Download



You could select "Skip Remain and Set Default". In case of selecting "Next: Default plugins", the following screen-shots are included without selecting anything.

Customize IntelliJ IDEA		×					
UI Them es $\rightarrow$ <b>Default plugins</b> $\rightarrow$ Featured plugin	ns						
Tune IDEA to your tasks							
IDEA has a lot of tools enabled by default. You can set only ones you need or leave them all.							
Build Tools	Version Controls	Test Tools					
Ant, Maven, Gradle-Java	Git, GitHub, Mercurial, Subversion	JUnit, TestNG, Coverage					
Customize Disable All	Customize Disable All	Customize Disable All					
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Swing	Android	Other Tools					
UI Designer	Android	Bytecode Viewer, Eclipse Interoperability					
Disable	Disable	Customize Disable All					
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Plugin Development							
Plugin DevKit							
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Skip Remaining and Set Defaults Back to	UI Themes	Next: Featured plugins					

Customize IntelliJ IDEA		×							
UI Themes → Default plugins → <b>Featured plugins</b>									
Download featured plugins	Download featured plugins								
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							
New plugins can also be downloaded in Settin	gs   Plugins								
Skip Remaining and Set Defaults Back to	Default plugins	Start using IntelliJ IDEA							

Congratulations for completing the installation!

Next steps show how to run Java on IntelliJ IDEA.



**Click "Create New Project"** 

Note:

1. ALL Java programs in the project should be able to compile.

2. IF a program has problems to compile, it should be removed from the project, so keep ALL codes righ.

3. IF you want to test a program, create a new project to edit and compile/run it

New Project		×
Java Java FX Android	Project <u>S</u> DK: <u>11 (java version "11.0.5")</u> <u>New</u> Additional Libraries and <u>F</u> rameworks: <u>©</u> © Groovy	
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Kotlin		
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	Previous <u>N</u> ext Cancel Help	

Click "Next"

📱 New Project				×
Create project from template				
Command Line App				
	Previous	<u>N</u> ext	Cancel	Help

Click "Next"



Choose the folder that would hold the project.

New Project			×
Project name:	TestProject		
Project location:	C:\Users\zwang\OneDrive\Dropbox\work_files\cs212\2020\TestProject		
▼ More Settings			
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Project <u>f</u> orma	.idea (directory based)		$\sim$
		Previous Einish Cancel Hel	p

Type the <u>project name</u>, "TestProject", following the folder name, and then it will be automatically filled in the upper textbox



double-click the "TestProject" folder

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Open Module Settings	F4	212\2020\TestProject
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Right-click the src under "TestProject" ightarrow New ightarrow Java Class



Type the class name in "New Java Class" window shown above; then insert your source code of the program shown below



#### Click Build → Recompile "TestJava1.java"





If compilation is successful, it shows in the status bar shown blow

If not successful, the code needs to be modified until it is good

Click Run  $\rightarrow$  Run ...

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In the "Run" window, there are several classes shown. Click "TestJava1"



If ok, the execution of the code is in process as follows, and perform I/O operations shown below.



# You are done. Congratulations!