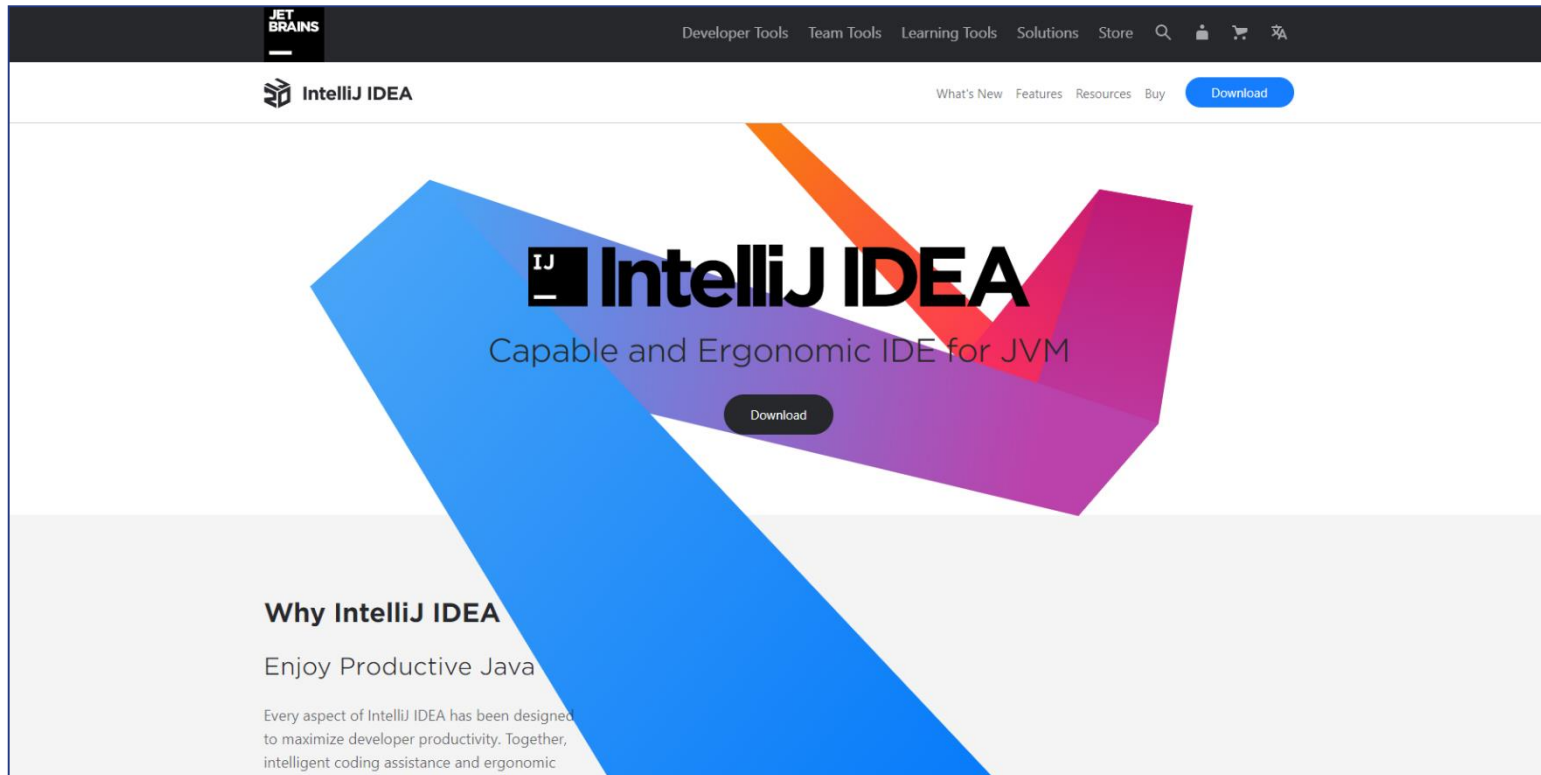


# **IntelliJ IDEA Installation**


# Installation #1

❖ Go to <https://www.jetbrains.com/idea/>, Click Download.




# Installation #2

- ❖ Download IntelliJ IDEA community and launch .exe file("ideaC-2021.2.1) after download. (Check your OS above)

 **IntelliJ IDEA**

What's New Features Resources Buy [Download](#)



Version: 2021.2.1  
Build: 212.5080.55  
24 August 2021  
[Release notes](#)

[System requirements](#)  
[Installation Instructions](#)  
[Other versions](#)  
[Third-party software](#)

## Download IntelliJ IDEA

[Windows](#) [macOS](#) [Linux](#)

### Ultimate

For web and enterprise development

[Download](#) [.exe](#)

Free 30-day trial

### Community

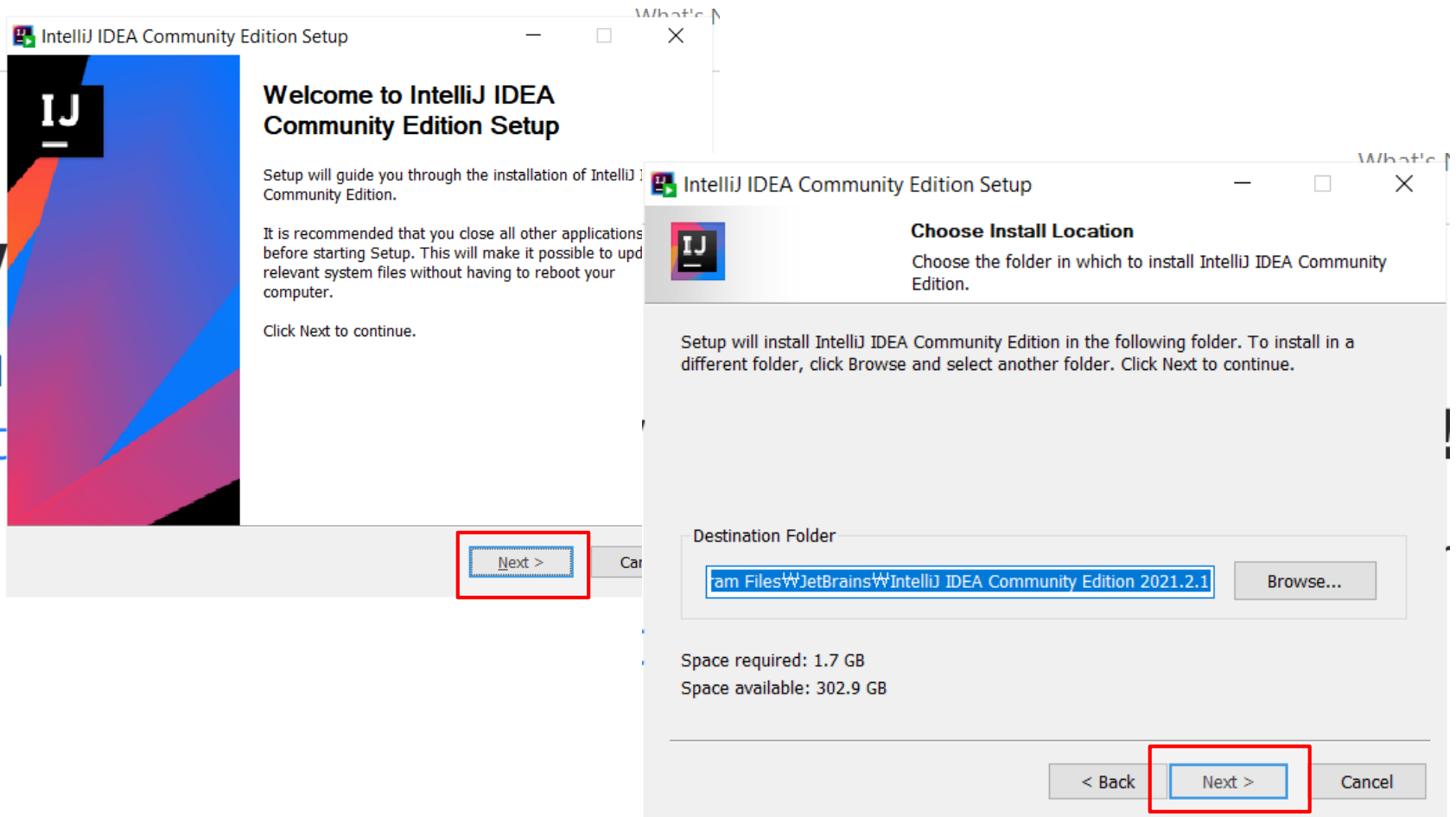
For JVM and Android development

[Download](#) [.exe](#)

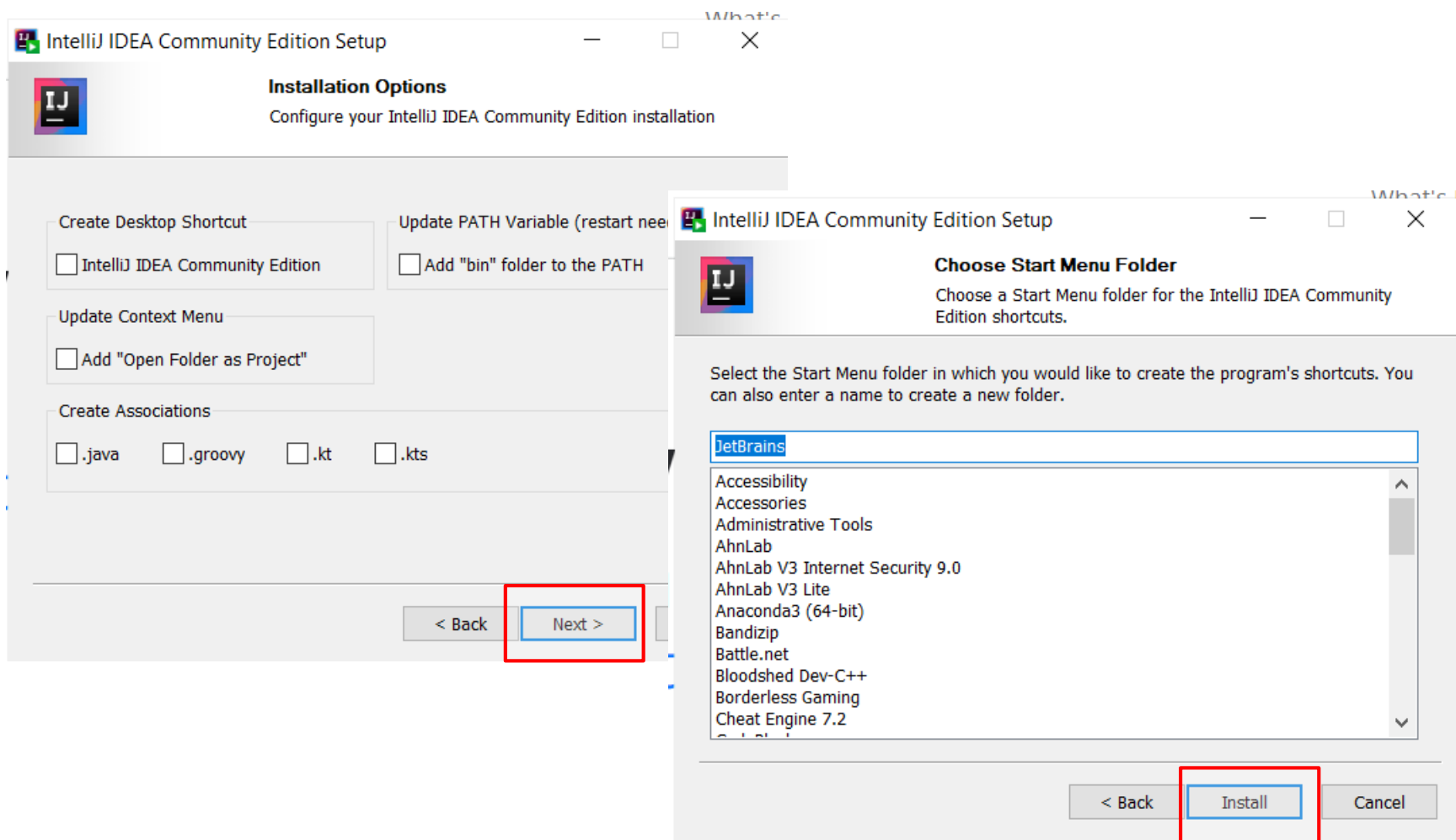
Free, built on open source

	IntelliJ IDEA Ultimate	IntelliJ IDEA Community Edition <span>i</span>
Java, Kotlin, Groovy, Scala	✓	✓
Android <span>i</span>	✓	✓
Maven, Gradle, sbt	✓	✓
Git, GitHub, SVN, Mercurial, Perforce	✓	✓
Debugger	✓	✓
Docker	✓	✓

# Installation #3

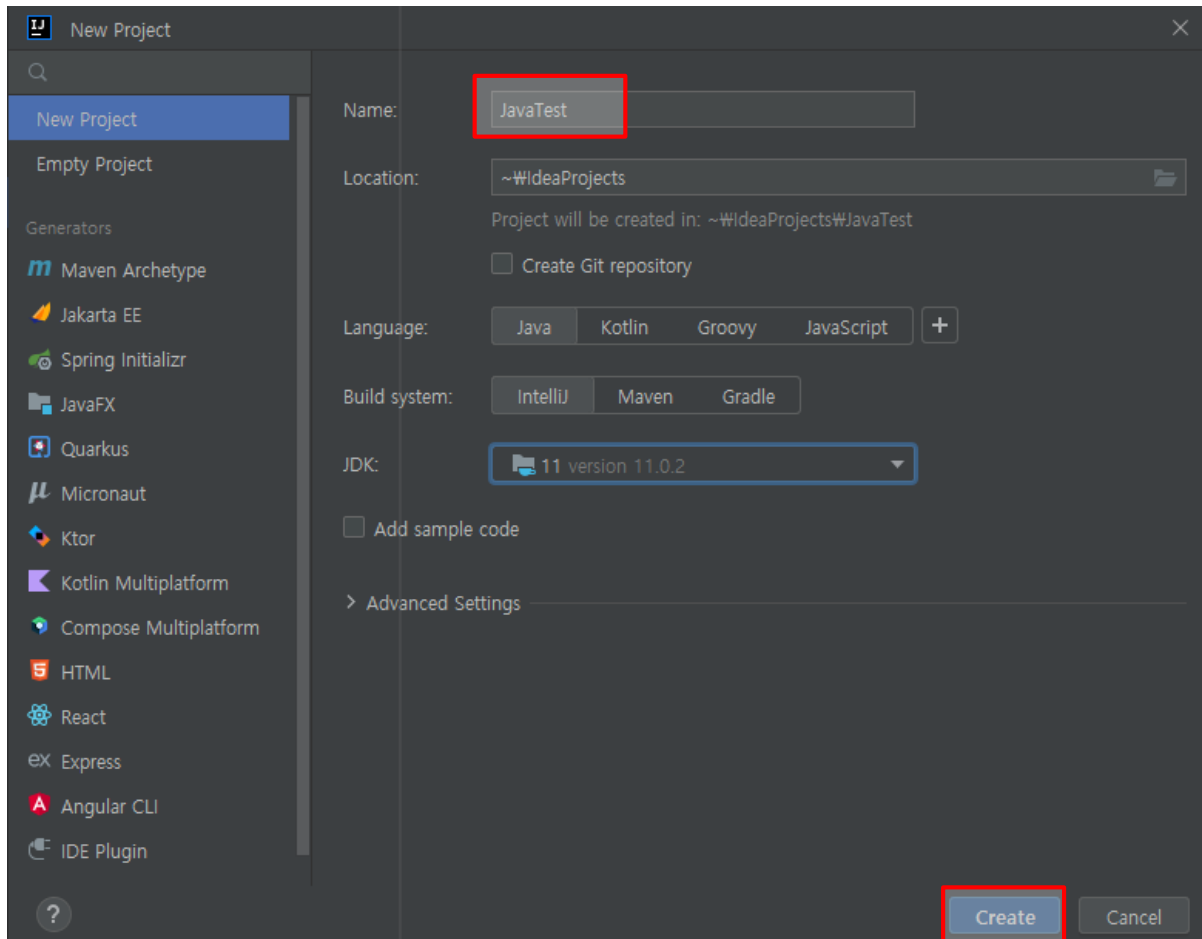


# Installation #4



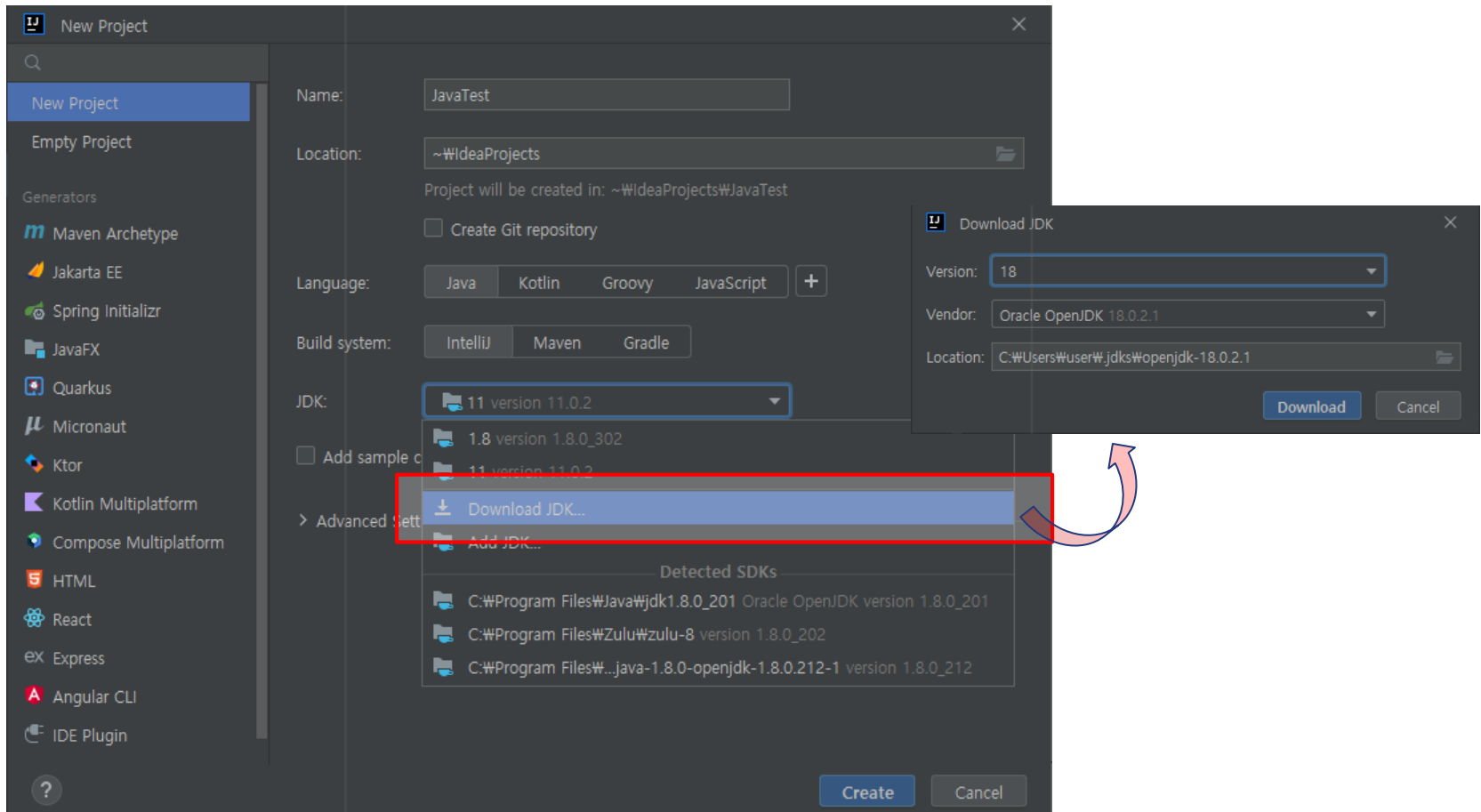
# Installation #5

- ❖ After installation, launch IntelliJ IDEA



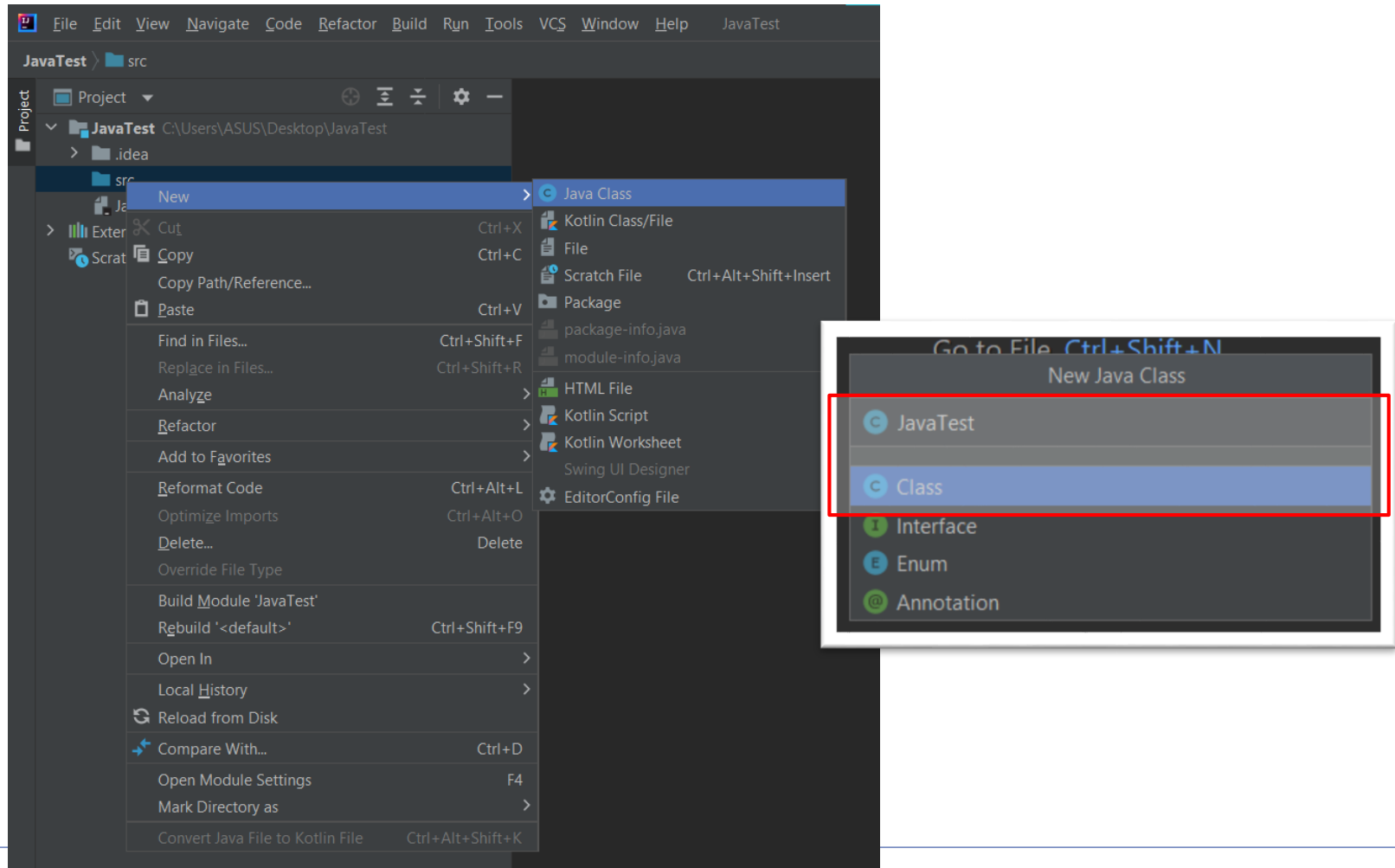
# Installation #6

## ❖ Download SDK...



# Installation #7

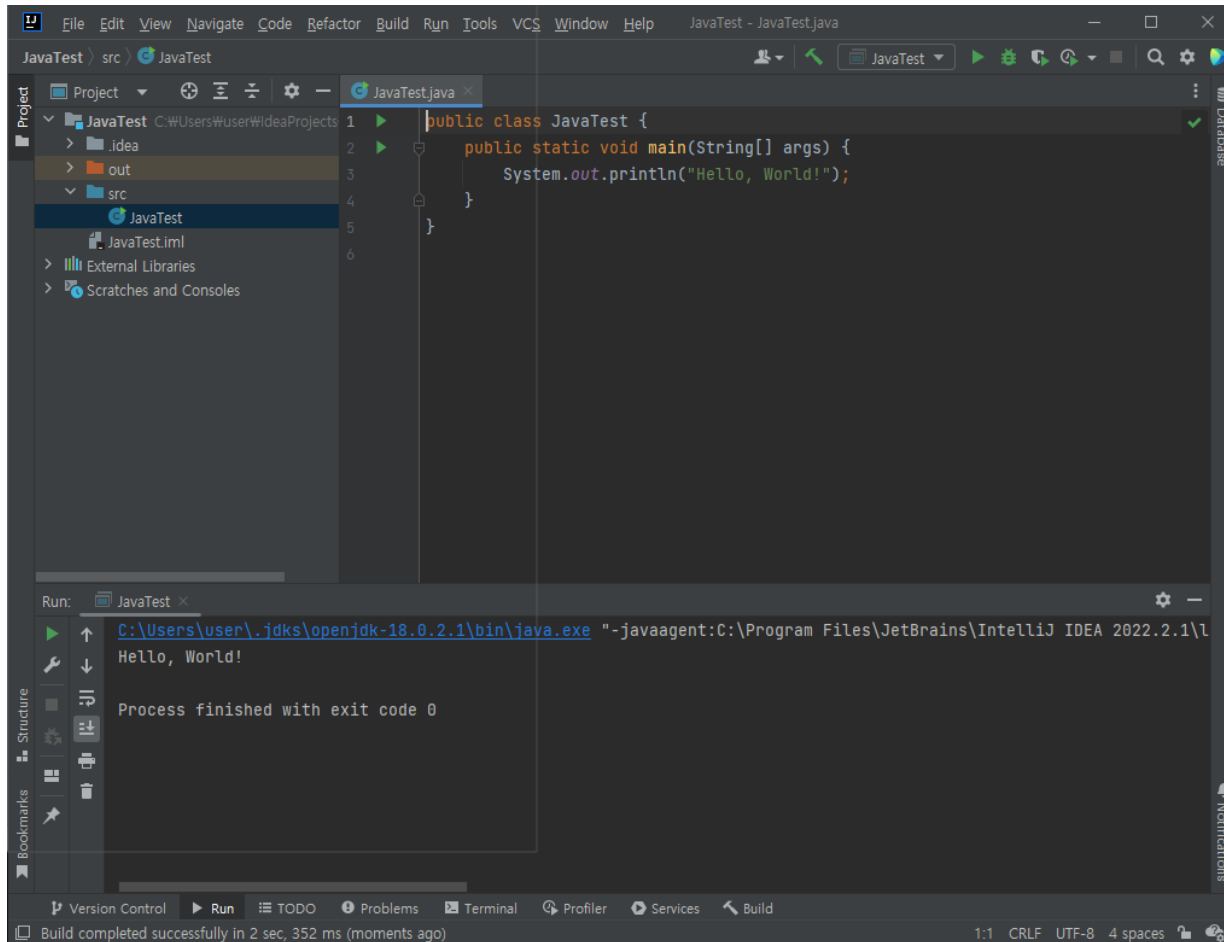
- ❖ Right click on "src" folder New->Java Class, type Class name





# Installation #8

❖ Now you're good to go!



# CLion

## Activity Tracker Installation

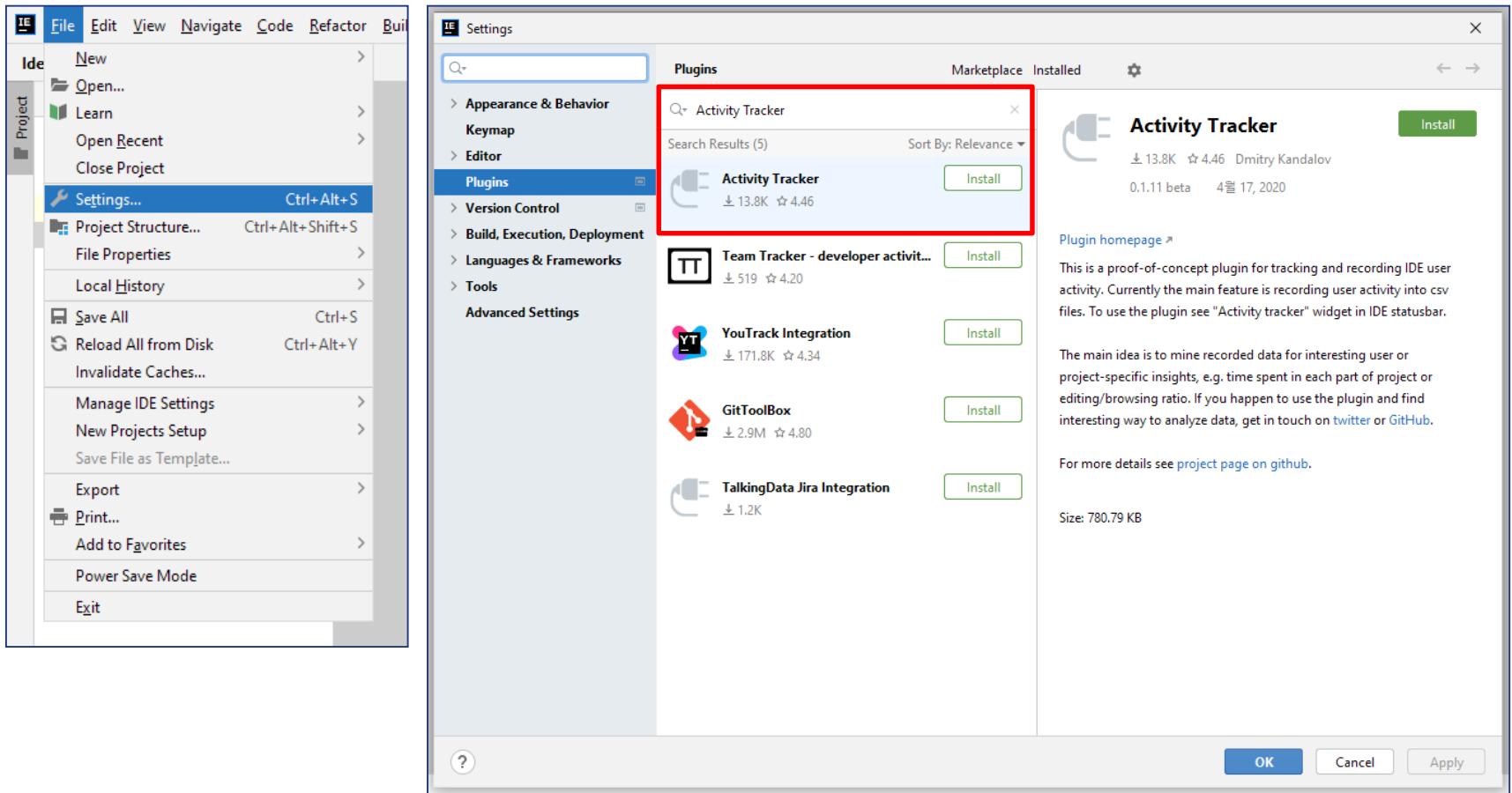
**2022년 여름학기 C++ Programming**

# What is Activity Tracker?

- ❖ This is proof-of-concept plugin for IntelliJ IDEs to track and record user activity.
- ❖ Currently, the main feature is recording user activity into csv files.

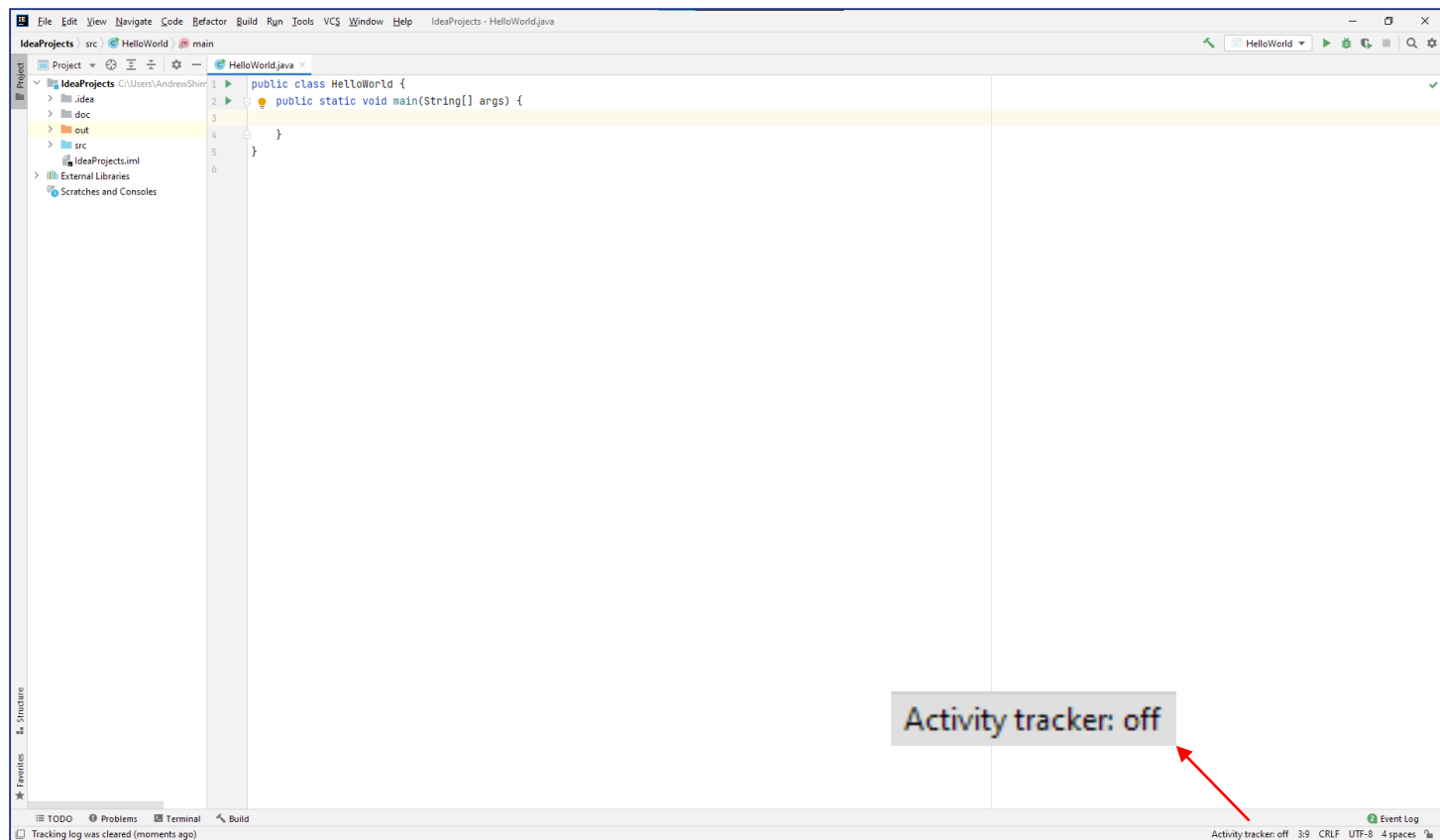
# Installation #1

- ❖ To install Activity Tracker, go to Setting->Plugin->Search for "Activity Tracker"->Click Install and restart IDE



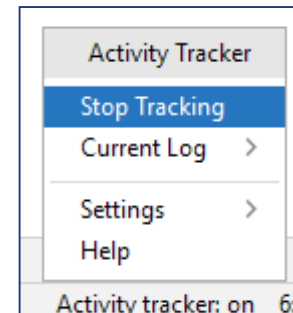
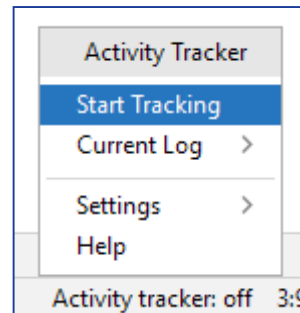
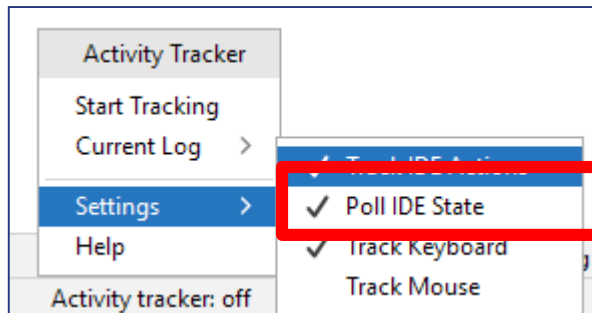
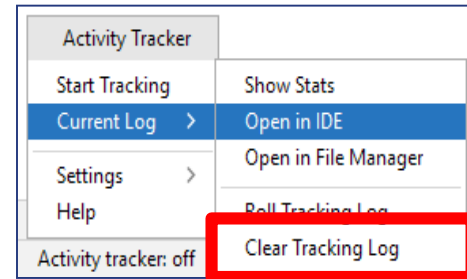
# Installation #2

- ❖ After installation, you'll see "Activity Tracker" widget in IDE status bar at the bottom.



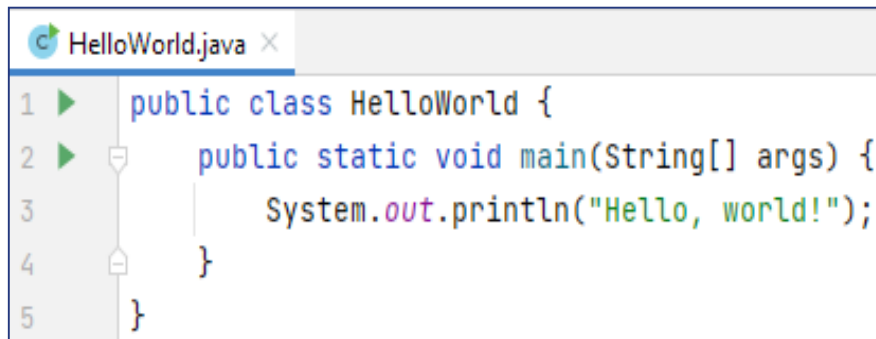
# How to use Activity Tracker #1

- ❖ Click on "Activity Tracker" widget in IDE status bar or invoke "Activity Tracker Popup" action. (ctrl+alt+shift+O shortcut)
- ❖ **First of all, click "Clear Tracking log" to remove previous logs for each assignment.**  
(코딩 전 반드시 기존 로그를 **Clear** 하세요!)
- ❖ Check "Track Keyboard" to enable tracking keyboard events.
- ❖ Click "Start Tracking" to track your activity, after you're done, Click "Stop Tracking".
- ❖ **Settings > Poll IDE State** 체크를 반드시 꺼야함!

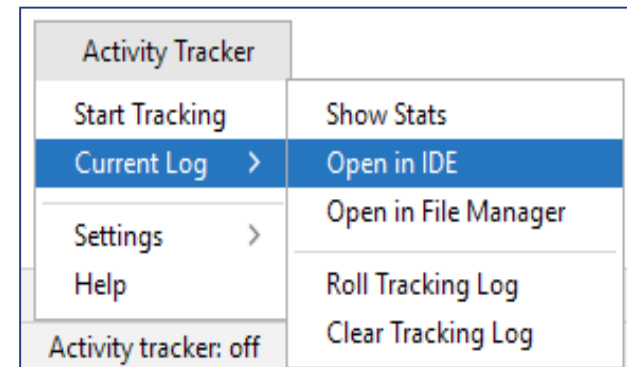


# How to use Activity Tracker #2

- ❖ All your events are written into "ide-events.csv" file located in predefined path. This file is referred to as "current log".
- ❖ The event log file is written as csv RFC4180 in UTF-8 encoding.
- ❖ After Typing code below, go to "Current Log-> "Open in IDE" to check your Activity



```
1 public class HelloWorld {
2     public static void main(String[] args) {
3         System.out.println("Hello, world!");
4     }
5 }
```



- ❖ Change the file name as required by the assignment
- ❖ Submit the file along with the source code to the "코딩과제" on PLATO

# How to use Activity Tracker #3

```
HelloWorld.java x ide-events.csv x
62 2021-08-31T11:25:47.699+09:00,AndrewShim,KeyEvent,72:72:1,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,28,Default task
63 2021-08-31T11:25:47.891+09:00,AndrewShim,KeyEvent,101:69:0,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,29,Default task
64 2021-08-31T11:25:47.979+09:00,AndrewShim,KeyEvent,108:76:0,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,30,Default task
65 2021-08-31T11:25:48.049+09:00,AndrewShim,IdState,Active,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,31,Default task
66 2021-08-31T11:25:48.107+09:00,AndrewShim,KeyEvent,108:76:0,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,31,Default task
67 2021-08-31T11:25:48.284+09:00,AndrewShim,KeyEvent,111:79:0,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,32,Default task
68 2021-08-31T11:25:48.660+09:00,AndrewShim,KeyEvent,44:44:0,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,33,Default task
69 2021-08-31T11:25:48.836+09:00,AndrewShim,KeyEvent,32:32:0,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,34,Default task
70 2021-08-31T11:25:48.972+09:00,AndrewShim,KeyEvent,119:87:0,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,35,Default task
71 2021-08-31T11:25:49.052+09:00,AndrewShim,IdState,Active,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,36,Default task
72 2021-08-31T11:25:49.211+09:00,AndrewShim,KeyEvent,111:79:0,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,36,Default task
73 2021-08-31T11:25:49.420+09:00,AndrewShim,KeyEvent,114:82:0,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,37,Default task
74 2021-08-31T11:25:49.531+09:00,AndrewShim,KeyEvent,108:76:0,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,38,Default task
75 2021-08-31T11:25:49.636+09:00,AndrewShim,KeyEvent,100:68:0,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,39,Default task
76 2021-08-31T11:25:49.812+09:00,AndrewShim,KeyEvent,65535:16:1,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,40,Default task
77 2021-08-31T11:25:49.915+09:00,AndrewShim,KeyEvent,33:49:1,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,40,Default task
78 2021-08-31T11:25:50.054+09:00,AndrewShim,IdState,Active,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,41,Default task
79 2021-08-31T11:25:50.567+09:00,AndrewShim,Action,EditorRight,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,41,Default task
80 2021-08-31T11:25:50.569+09:00,AndrewShim,KeyEvent,65535:39:0,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,42,Default task
81 2021-08-31T11:25:50.716+09:00,AndrewShim,Action,EditorRight,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,42,Default task
82 2021-08-31T11:25:50.717+09:00,AndrewShim,KeyEvent,65535:39:0,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,43,Default task
83 2021-08-31T11:25:51.051+09:00,AndrewShim,KeyEvent,59:59:0,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,43,Default task
84 2021-08-31T11:25:51.056+09:00,AndrewShim,IdState,Active,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,44,Default task
85 2021-08-31T11:25:52.060+09:00,AndrewShim,IdState,Active,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,44,Default task
86 2021-08-31T11:25:52.139+09:00,AndrewShim,KeyEvent,65535:17:2,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,44,Default task
87 2021-08-31T11:25:52.180+09:00,AndrewShim,KeyEvent,65535:16:3,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,44,Default task
88 2021-08-31T11:25:52.340+09:00,AndrewShim,Action,RunClass,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,44,Default task
89 2021-08-31T11:25:52.428+09:00,AndrewShim,KeyEvent,65535:121:3,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,44,Default task
90 2021-08-31T11:25:53.062+09:00,AndrewShim,IdState,Active,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,44,Default task
91 2021-08-31T11:25:54.065+09:00,AndrewShim,IdState,Active,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,44,Default task
92 2021-08-31T11:25:55.069+09:00,AndrewShim,IdState,Active,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,44,Default task
93 2021-08-31T11:25:56.073+09:00,AndrewShim,IdState,Active,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,44,Default task
94 2021-08-31T11:25:57.127+09:00,AndrewShim,IdState,Active,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,44,Default task
95 2021-08-31T11:25:58.138+09:00,AndrewShim,IdState,Active,IdeaProjects,Editor,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,44,Default task
96 2021-08-31T11:25:59.141+09:00,AndrewShim,IdState,Active,IdeaProjects,Popup,C:/Users/AndrewShim/IdeaProjects/src/HelloWorld.java,HelloWorld::main,2,44,Default task
97 2021-08-31T11:25:59.496+09:00,AndrewShim,Action,Start/Stop Activity Tracking,,,,,-1,-1,
```

<Ide-events.csv file >



# PLATO 코딩과제 제출하기

**2022년 2학기 Platform-Based Programming**

# 코딩과제 제출하기

- ❖ 실습/과제의 제출파일을 확인 후 소스 코드와 로그 파일을 제출함
- ❖ PLATO 코딩과제 서버의 OS 는 리눅스임
  - 대소문자를 구분함 (Helloworld.cpp, Main.cpp, P100.csv ...)

▼ 제출

설명

파일 첨부

파일을 선택하세요... 최대 첨부 용량: 1GB

  
첨부파일을 마우스로 끌어 놓으세요.

파일 첨부

파일을 선택하세요... 최대 첨부 용량: 1GB

  
첨부파일을 마우스로 끌어 놓으세요.

# 제출결과 확인하기

- ❖ 실습/과제를 제출하면 코딩 결과 탭을 통해 점수와 평가 결과가 출력됨
  - 코딩 결과 탭에 출력된 점수(grade)가 실습/과제 제출 점수임
  - 실습/과제 점수는 키로그, 표절검사 등을 거쳐 추후 확정됨
- ❖ 제출시 확인사항 (문제별로 상이함)
  - 제출 파일 이름 확인
  - 키로그 확인
  - 표절 확인
  - Modern C++ 및 C 스타일 확인
  - 예약어 포함 여부 확인
  - 금지어 포함 여부 확인
  - ...

## 성적

채점일 : 2022-06-18 21:01 ()  
grade: 10.00 / 10.00 비공개

### 평가결과[-]

[+]Summary of tests

최종 제출일 : 2022-06-18 20:04 ([다운로드](#))

### 자동 평가[-]

자동 채점 결과 : 10 / 10

### 컴파일[-]

zip: 0

[+] checking file names consistency....  
[+] checking keylog....  
[+] checking plagiarism...  
[+] Check modern programmer  
[+] Check 98 programmer  
[+] checking reserved keywords ...  
[+] checking stop words ...

### 설명[-]

[+]Summary of tests

# 오탈자 찾는 방법

- ❖ PLATO 코딩과제 시스템은 기계가 채점을 하기 때문에 오탈자 등에 엄격함
- ❖ Program Output 과 Exptected Output을 눈으로 확인해도 어디가 문제인지 발견하기 어려움
- ❖ CLion 에서 제공하는 diff 기능을 사용해 보는 것을 추천
  - Press Ctrl+Shift+A and start typing to locate the Open Blank Diff Window action.

```
Diff
↑ ↓ ↗ Do not ignore Highlight words 2 differences
3.40282e+38 1.17549e-38 1 1 3.40282e+38 1.17549e-38
3.40282e+38 1.17549e-38 2 2 3.40282e+38 1.17549e-38
9223372036854775807 -9223372036854775807 3 3 9223372036854775807 -9223372036854775807
9223372036854775807 -9223372036854775807 4 4 9223372036854775807 -9223372036854775807
Invaild Command >> 5 5 << Invalid Command
=== the number of types ===
int: 0 6 6 === the number of types ===
long: 2 7 7 int: 0
float: 2 8 8 long: 2
double: 0 9 9 float: 2
double: 0 10 10 << double: 0
>> 11
```

- ❖ PLATO 코딩과제 정답 비교 방법
  - 단어만 검사 되고 나머지 문자는 무시됨 (공백, 엔터, 괄호, 느낌표 등은 무시함)
  - 일반적으로 출력 문자열의 대소문자를 구분하지 않음 (정규식은 비교함)

# Q&A