

CSCI 2113 Lab 8

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Setup IntelliJ

You should install Java JDK (Java Developer Kit) from the given link, *NOT* Java JRE (Java Runtime Environment).

- 照猫画虎
- Draw a tiger (IntelliJ) with a cat (Eclipse) as a model.

1. Install Java JDK 8u112 (If you haven't installed it before)

<http://www.oracle.com/technetwork/java/javase/downloads/>

2. Install IntelliJ IDEA 2016.2.5

<https://www.jetbrains.com/idea/download/>

Use IntelliJ

For Windows, if your system doesn't choose the correct folder, manually select
C:\Program Files\Java\jdk1.8.0

1. Create New Project
2. Choose Project JDK:
New... -> JDK -> (Your system should automatically choose the correct folder) -> OK
3. Choose Project location. (Treat it as your default workspace)
4. Play with IntelliJ. (Trial and error, or use Google)
 - 4.1. Create a “Hello, World!” program.
 - 4.2. Run the program.
 - 4.2. Compare the procedure with Eclipse.

Connect to GitHub

Read the next page if you got any errors.

1. Accept the assignment.

<https://classroom.github.com/assignment-invitations/cd30cc75585afa0a6e7bd60a1f917fd1>

2. Connect to your GitHub account.

Windows: File -> Settings -> Version Control -> GitHub

Mac: Preferences -> Version Control -> GitHub

3. Clone a repository.

From the startup screen or from VCS (at top menu bar):

Check out from Version Control -> GitHub -> Select “lab-10-31-

<username>.git” -> Pay attention to Parent Directory (Leave it there, or change it to your desired location)

Connect to GitHub (Troubleshooting)

- Windows

1. Download Git from <https://git-scm.com/>, and install the downloaded file.

2. In IntelliJ:

File -> Settings -> Version Control -> Git -> Path to Git executable


Change the path to **C:\Program Files\Git\cmd\git.exe**

- macOS

In Terminal, execute the following command:

```
xcode-select --install
```

Commit and Push Changes

1. Manipulate the existing code.
2. Click on  at the top right corner.
3. Enter commit message.
4. Click “Commit”

Enter your GitHub username and your email address

VCS (at top menu bar) -> Git -> Push...

OR

Click “Commit and Push”

Enter your GitHub username and your email address

Note: Everything related to Git can be found at VCS (at top menu bar).

Pets Quiz Using IntelliJ

- Requirement: <https://piazza.com/class/isc2h8066u63fi?cid=78>
- Do not copy the solution. Write your own code.
- Bonus points: Use abstract class
- Commit and push to GitHub.
- Will be graded for completion.