

Programming HW 0: Installing programming environments for Python, Java, and Scala

Due Jan 13 by 11:59pm **Points** 20 **Submitting** a file upload

Install programming environments for the quarter. This is not a trivial matter, which is why this is assigned as a homework. Start early, and see me or use the Internet if you run into problems. I've chosen to have you install the environments, rather than logging into a server. This is so that after the class is over, you are still equipped to continue working in these languages.

1. Python: Go to

<https://www.python.org/downloads/>

Download the latest version of Python 3. This one is pretty easy, it's just an installer. **Open Idle (the Python command line) and take a screenshot.**

2. Scala and Java (IntelliJ with Scala Package)

A. Download the Java SDK if you don't have it already:

<https://www.oracle.com/java/technologies/downloads/>

B. IntelliJ Idea Download (follow the Download link, and choose Community edition) :

<https://www.jetbrains.com/idea/> → [\(https://www.jetbrains.com/idea/\)](https://www.jetbrains.com/idea/)

C. Do "Hello World" in Java:

I. In IntelliJ, go to File->New->Project.

II. Give your project a name.

III. Choose Java , then choose Create.

IV. Add the following to your main function: `System.out.println("Hello");` and run it. You should see Hello print out in the bottom window of IntelliJ. **Take a screenshot of the code and output.**

D. Install Scala 3: Go to settings by clicking on the gear on the right hand side near the top, and choose Plugins. Choose Scala

E. Creating a Scala Project: Follow the instructions [here](#)

<https://camino.instructure.com/courses/87658/files/6557368?wrap=1>

I. Run your code. **Take a screenshot**

Your deliverable for this homework is the 3 screenshots. Submit all three.