

Python Online Editor Sign Up

We will be using the online IDE [cloud9](#) to write python code this semester. Below are instructions for how to sign up, name a file, create a new file, and turn in a file. Refer back to this sheet if you are having difficulties.

Sign Up Instructions

1. Open up your email and find an email from Cloud 9 to sign up
2. Click the sign up button.
3. Enter your Name in the box provided

What can I call you?

When your apps are famous, you will want your name attached to them.

Your Name

Tutorial Account

Your name will show up in your public user profile, alongside any public workspaces you have.

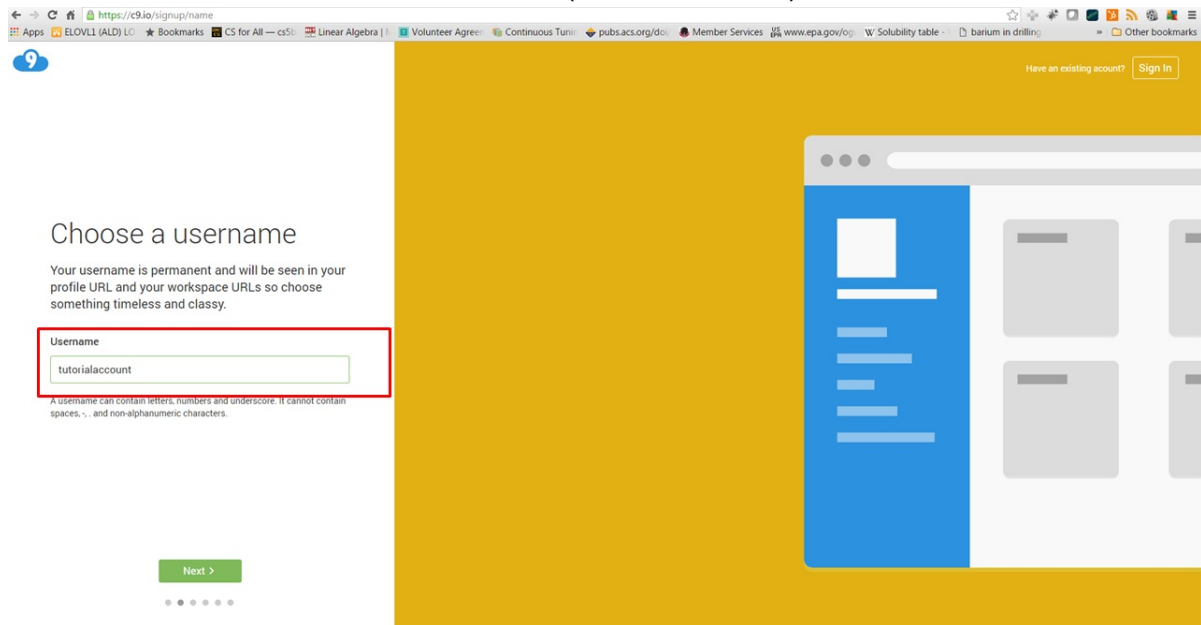
Next >

Hi!

Awesome to meet you!

Have an existing account? [Sign In](#)

4. Create a username FirstnameLastName (All in lowercase)



Choose a username

Your username is permanent and will be seen in your profile URL and your workspace URLs so choose something timeless and classy.

Username

tutorialaccount

A username can contain letters, numbers and underscore. It cannot contain spaces, -, and non-alphanumeric characters.

Next >

5. Select that you are a Student Developer

6. Select that you will use Cloud9 for Course work

Tell us about yourself

For an experience tailored to your needs.

What kind of developer are you?

Student ▼

If you're not professional now, perhaps you will be at some point so you can always change this in your settings.

How will you use Cloud9?

Coursework ▼

So we can help you use Cloud9 exactly the way you want to.

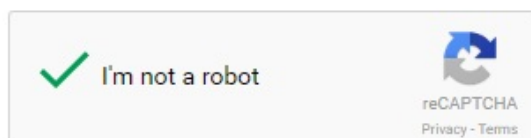
7. Confirm account details on the next page (Just click next)

8. Confirm that you are not a robot



One last thing...

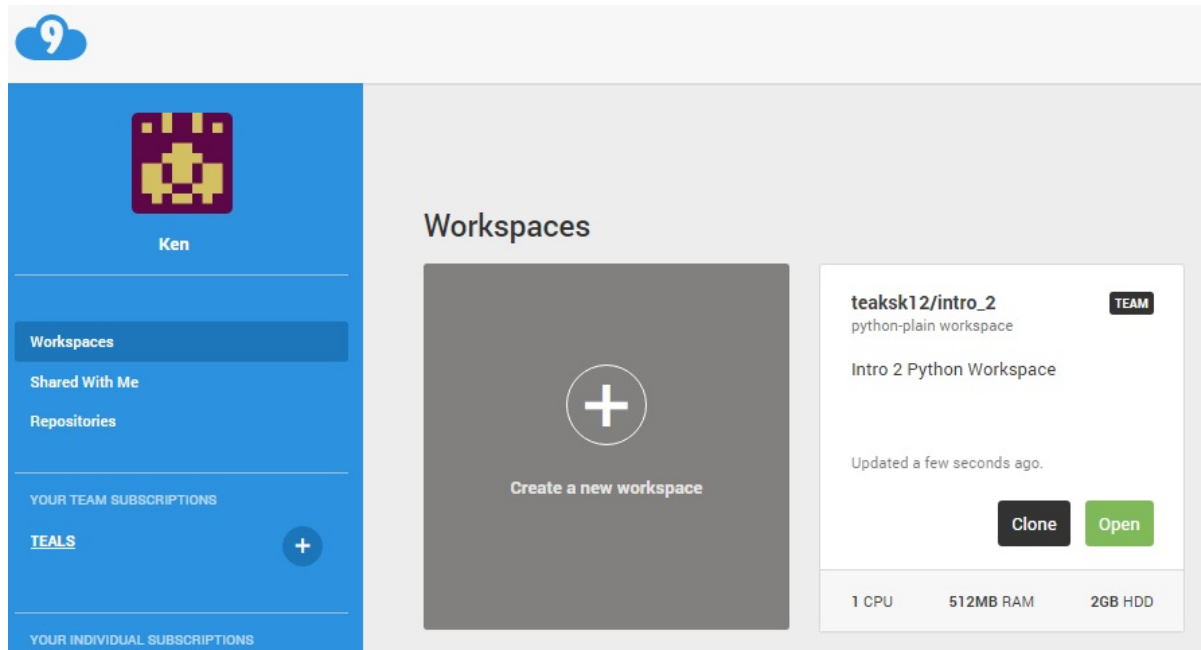
Apologies teststudent, we need to make sure you're not a robot ;-)



Create account

By clicking the button you confirm you are accepting our [Terms of Service](#) and [Privacy Policy](#)

9. Student should have access to shared team workspace:



Creating a New Workspace

1. Click the plus sign to Create a new workspace
2. In "Workspace name" field enter "mypythonworkspace"
3. Give it a description of "This is my example workspace"
4. Make your workspace private
5. Select "Python" Template button

6. Click "Create workspace" at the bottom of the page

Create a new workspace

Workspace name

mypythonworkspace

Description

this is my workspace

Team

TEALS

[Hosted workspace](#)

[Clone workspace](#)

[Remote SSH workspace](#)

[Salesforce](#)



Private

This is a workspace for your eyes only



Public

This will create a workspace for everybody to see

Clone from Git or Mercurial URL (optional)

e.g. ajaxorg/ace or git@github.com:ajaxorg/ace.git

Choose a template



HTML5

node

Node.js

php

PHP, Apache & ...



Python

django

Django



Ruby



C++



Wordpress



Rails Tutorial



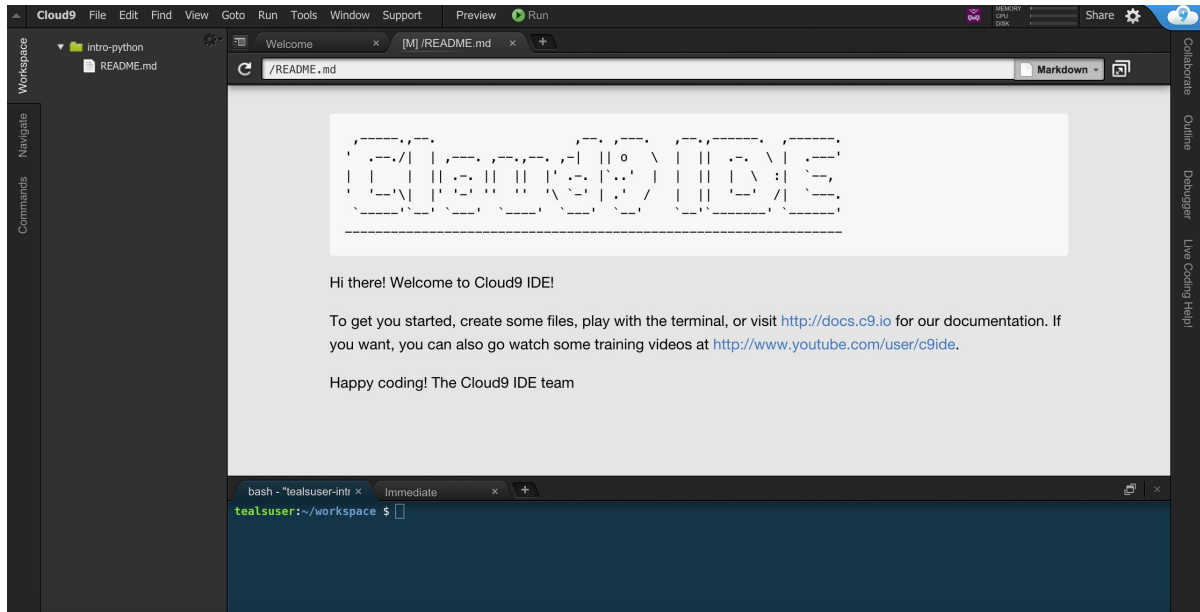
Blank



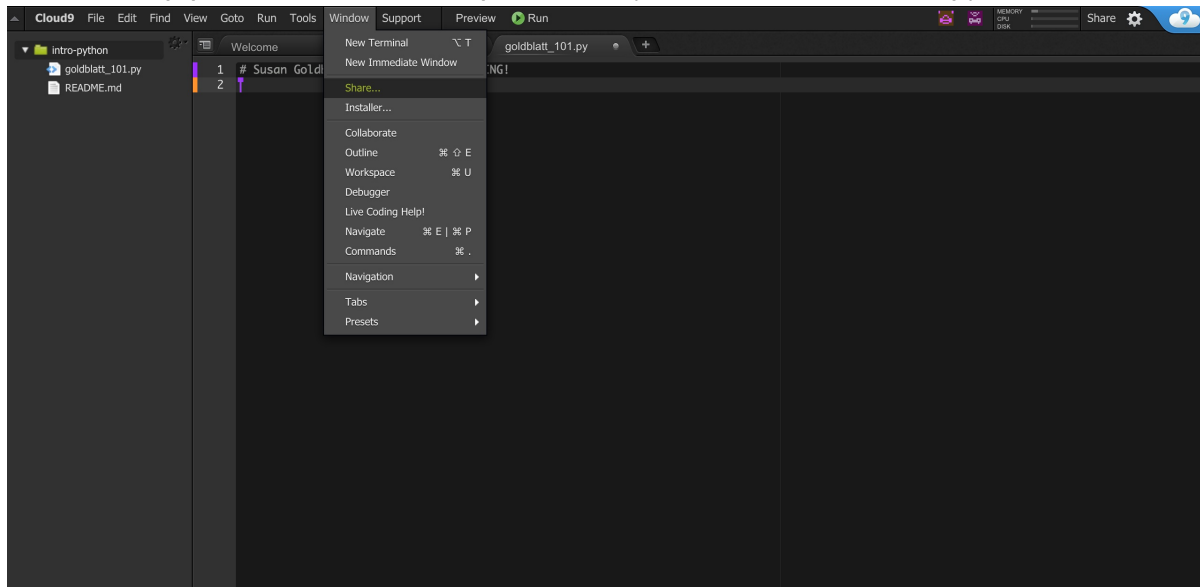
Harvard's CS50

Create workspace

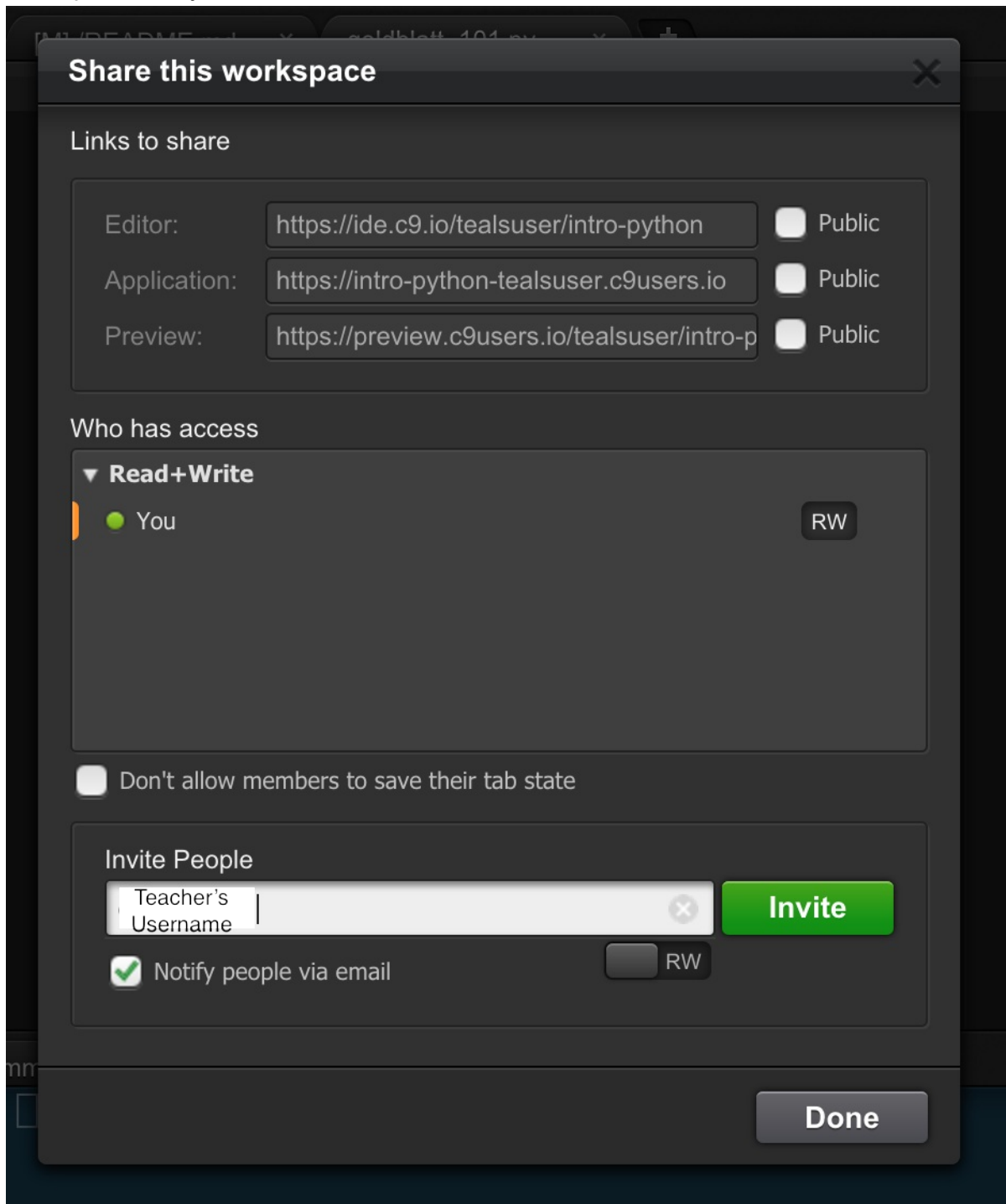
7. This will take a few seconds to set you up, but it will look like this:



8. From the top panel select window, pick share (third choice from the top)

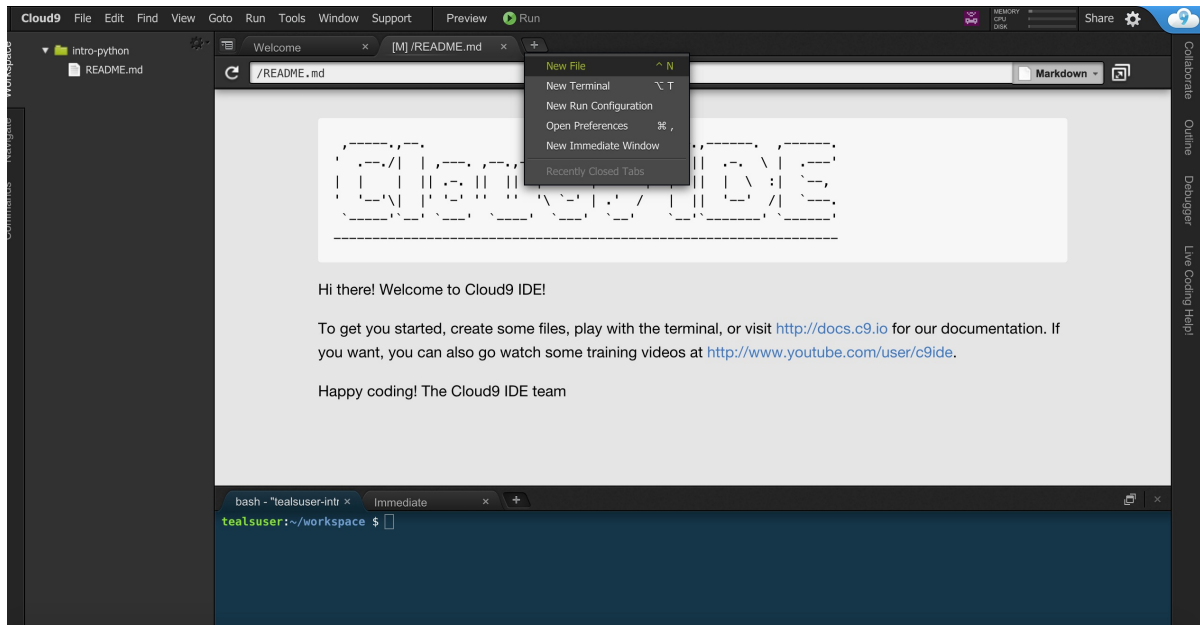


9. Enter your teachers' username or email in the "Invite People" section - this shares your workspace with your teachers and allows them to add comments.



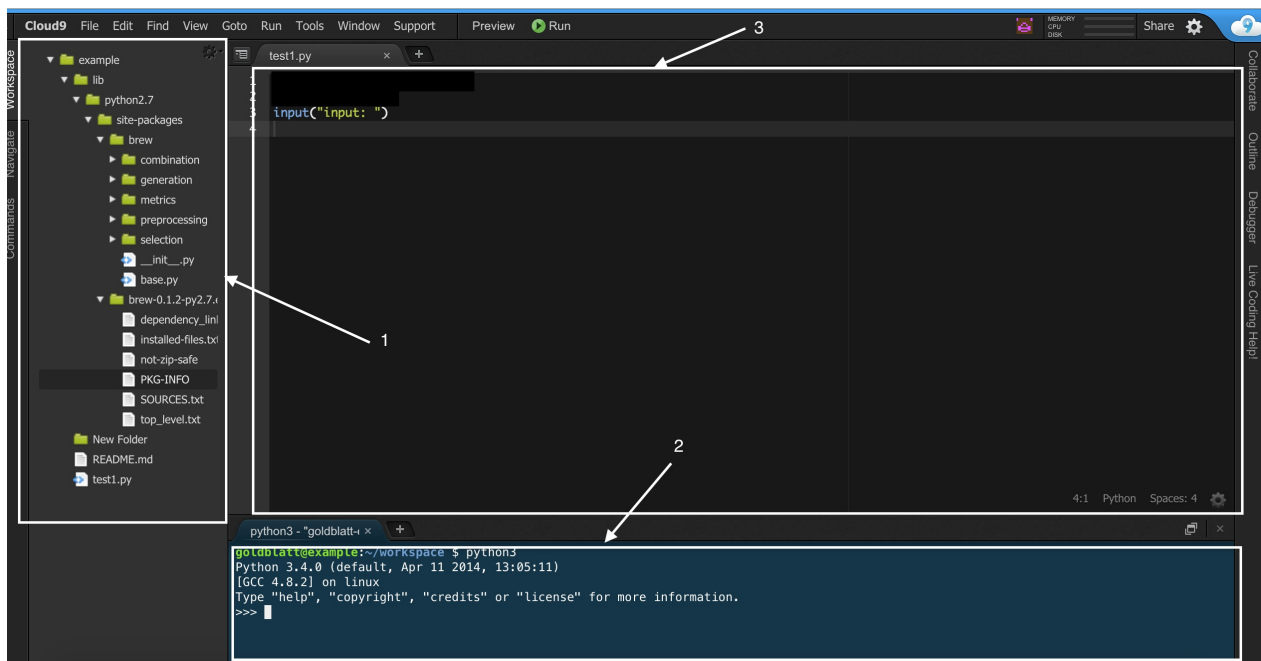
Creating a New File

1. Click the plus button near the top of the page to create a new file



2. Press Ctrl-s to save the file. Enter the filename(following your classes conventions) and press the save button

Parts of the IDE



1. *File tree*
2. *Bash/terminal*
3. *Editor*

You can ignore the other parts for now!

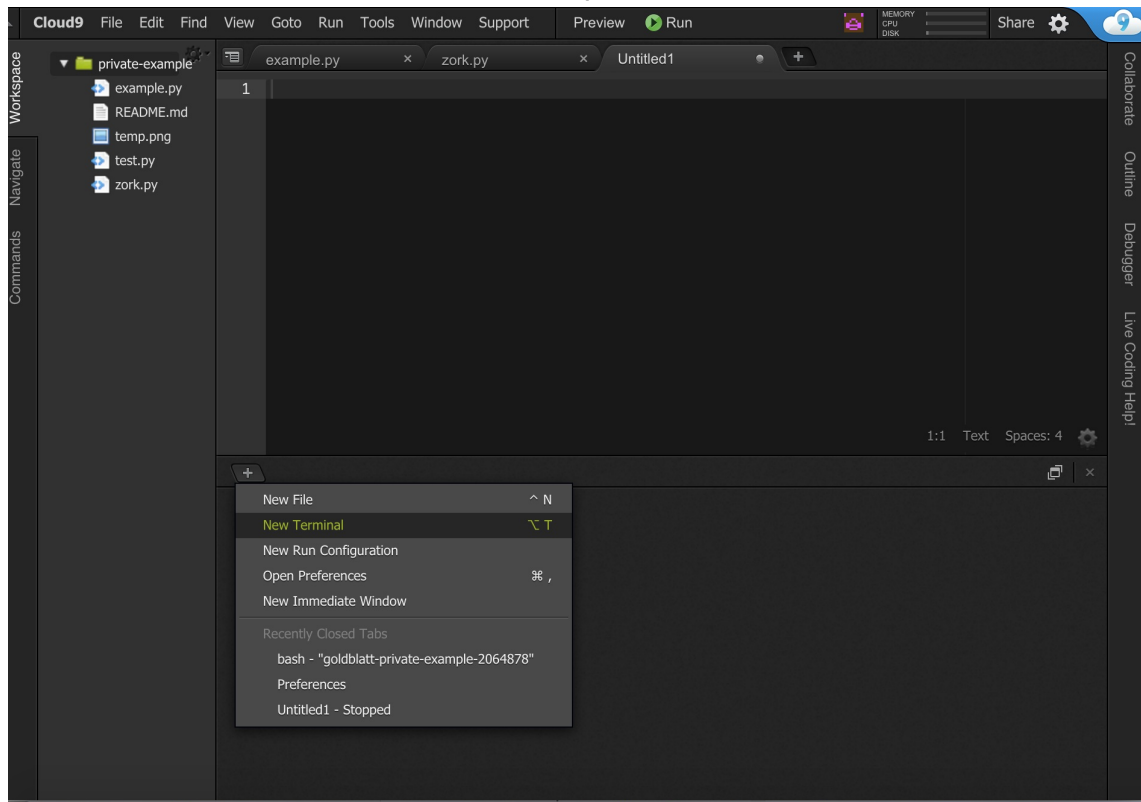
Running Python3 via Run Button Set Up

Cloud9 Python defaults to Python 2.7.6. It can be changed to use Python 3.4.3 by doing the following:

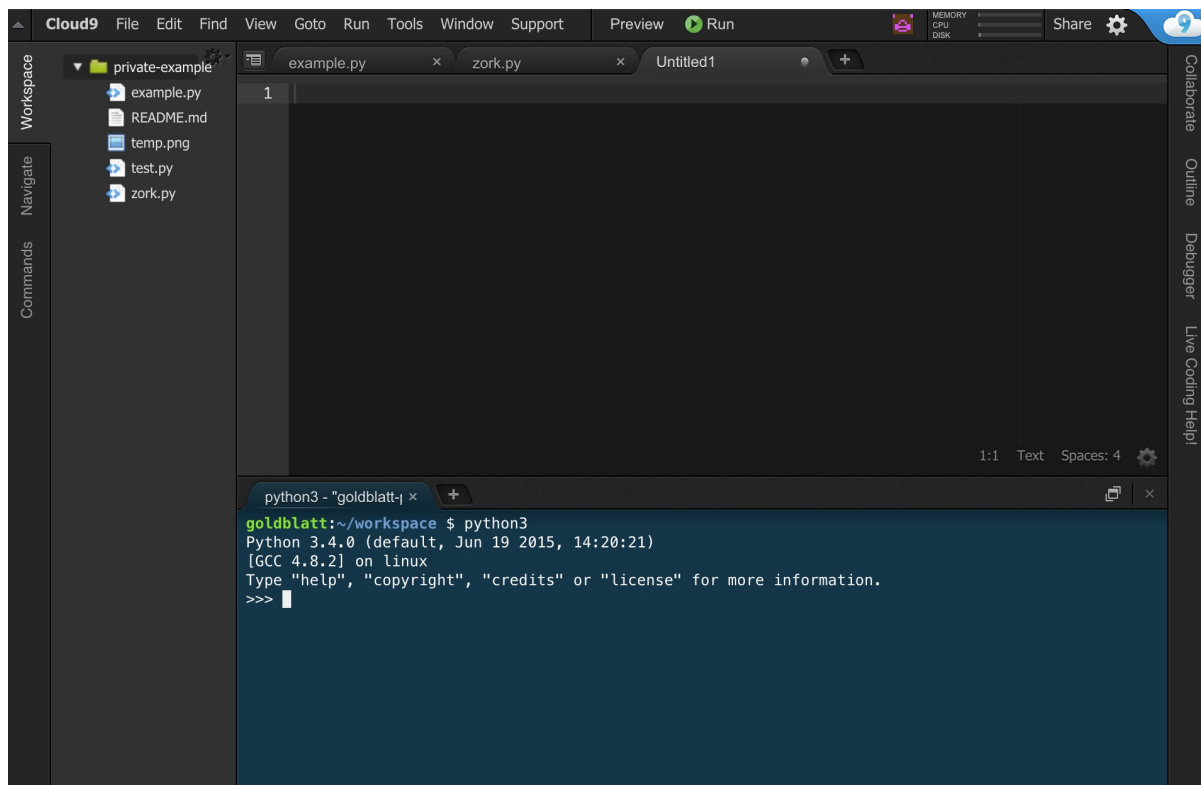
1. Right mouse click on the Run button at the top of the Cloud9 Python window
2. Select Manage... from the pull down that appears
3. On the Project Settings window that appears, scroll down to Language Support
4. On the scroll list that appears to the right of the heading Python Version:, select the Python 3 entry
5. Exit the Preferences Tab on the line right below top line starting with Cloud9 and containing the Run button.

Running Python

1. In the bottom half of the screen there should be a tab called "bash"
 - i. If there is not a tab called "bash", click the plus button and choose "new terminal"



2. To run the interactive shell: type `python3` into the prompt



3. To run a file: type `python3 [filename]` , but instead of `[filename]` use the name of the file you are trying to run