

# COMSE6156 - Topics in SW Engineering: Cloud Computing

## Sprint 0 Status Report

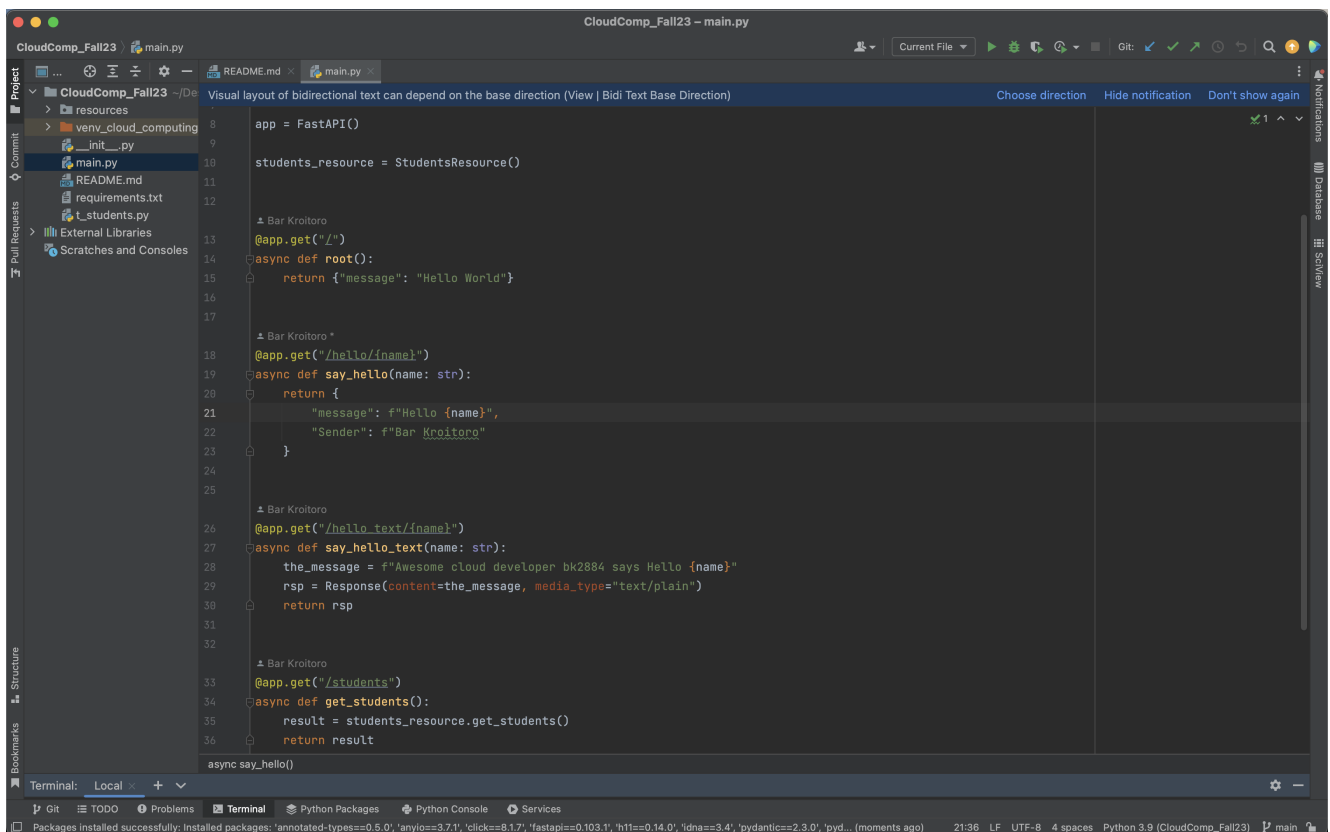
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### Overview

Sprint is a concept from [Agile SW development](#). Project teams will follow a simplified version of agile development to build their projects. A core concept in agile development is a *sprint*.

### Clone and Modify the Starter Project

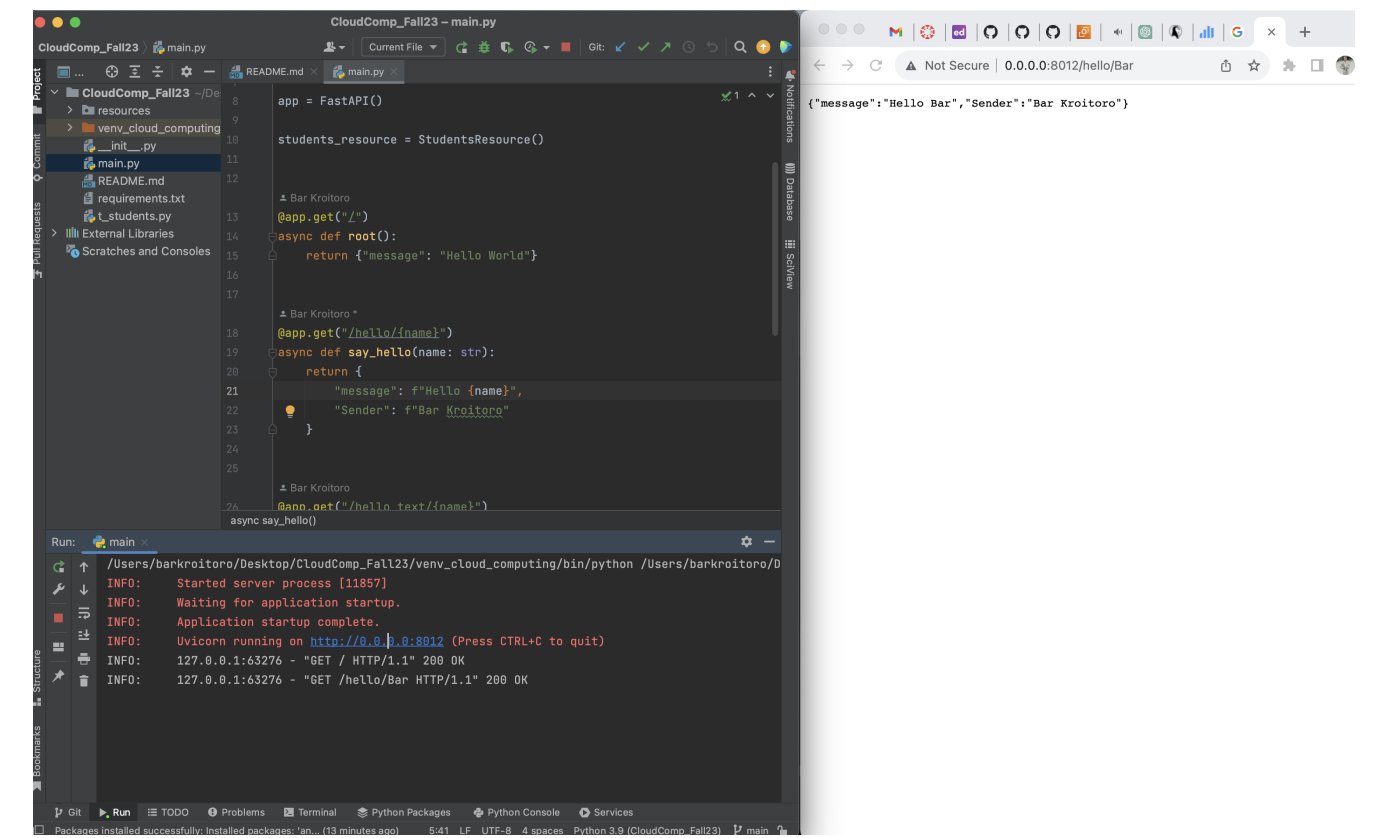
- Place a screen capture of your directory below. Display the structure in a terminal window, PyCharm, file explorer or any other mechanism.



### Cloned Project

### Execute the Starter Project

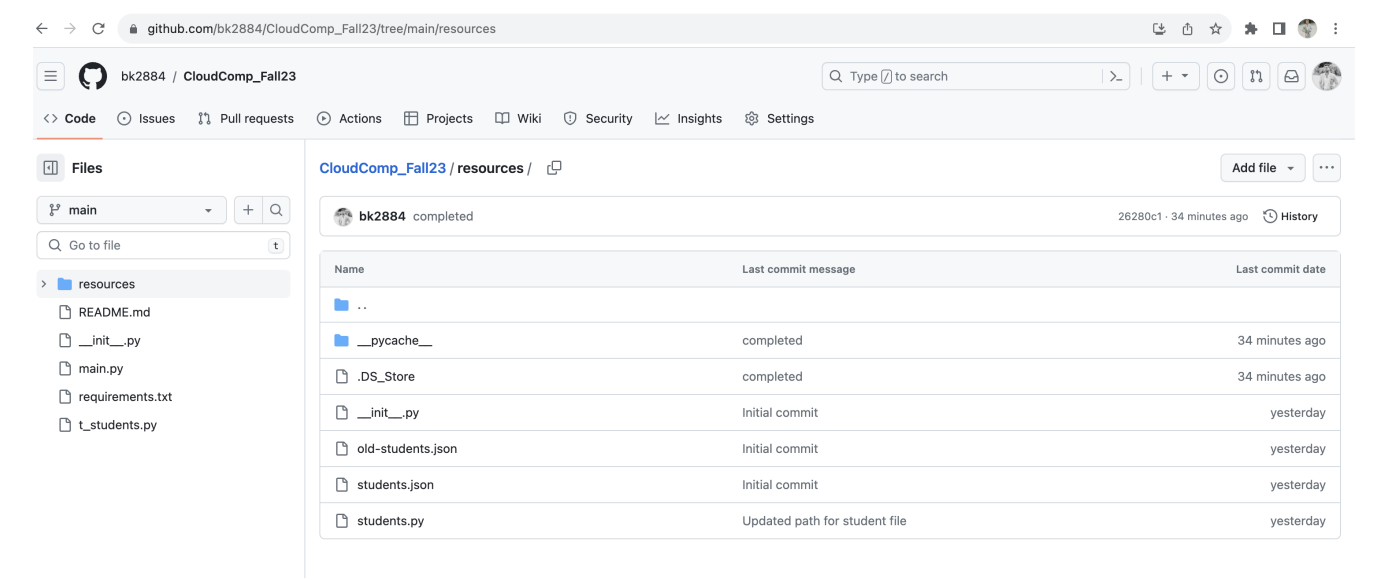
You can choose any formats for the screen capture as long as it shows your project executing. My simple example shows and execution window and browser side-by-side.



## Project Execution

# Create Your Own GitHub Project

Make a copy of the project and create a project in GitHub. Show the project.



## Project on GitHub

# Deploy and Test Project on AWS

Show the information about your VM through the console.

## AWS Console

```

#_
#####
#####
#####
\#_
V- - ->
https://aws.amazon.com/linux/amazon-linux-2023

login: Tue Sep 19 16:31:36 2023 from 3.16.146.4
user@ip-172-31-8-129 ~$ ls -al
total 32
----- 6 ec2-user ec2-user 179 Sep 19 16:28 .
--xr-x. 3 root root 22 Sep 18 16:43 ..
----- 1 ec2-user ec2-user 1437 Sep 19 16:34 .bash_history
--r--r-- 1 ec2-user ec2-user 18 Jan 28 2023 .bash_logout
--r--r-- 1 ec2-user ec2-user 141 Jan 28 2023 .bash_profile
--r--r-- 1 ec2-user ec2-user 492 Jan 28 2023 .bashrc
--xr-x. 3 ec2-user ec2-user 17 Sep 18 17:00 .cache
----- 1 ec2-user ec2-user 20 Sep 18 17:11 .lessshat
----- 4 ec2-user ec2-user 28 Sep 18 17:00 .local
----- 2 ec2-user ec2-user 29 Sep 18 16:43 .ssh
----- 1 ec2-user ec2-user 10005 Sep 19 15:59 .viminfo
--xr-x. 4 ec2-user ec2-user 131 Sep 19 16:28 CloudComp_Fall23
user@ip-172-31-8-129 ~$ cd CloudComp_Fall23/
user@ip-172-31-8-129 CloudComp_Fall23$
user@ip-172-31-8-129 CloudComp_Fall23$
user@ip-172-31-8-129 CloudComp_Fall23$
user@ip-172-31-8-129 CloudComp_Fall23$ ls -al
total 16
--xr-x. 4 ec2-user ec2-user 131 Sep 19 16:28 .
----- 6 ec2-user ec2-user 179 Sep 19 16:28 ..
--xr-x. 8 ec2-user ec2-user 163 Sep 19 16:28 .git
--r--r-- 1 ec2-user ec2-user 2944 Sep 19 16:28 README.md
--r--r-- 1 ec2-user ec2-user 0 Sep 19 16:28 _init_.py
--r--r-- 1 ec2-user ec2-user 861 Sep 19 16:28 main.py
--r--r-- 1 ec2-user ec2-user 199 Sep 19 16:28 requirements.txt
--xr-x. 3 ec2-user ec2-user 126 Sep 19 16:28 resources
--r--r-- 1 ec2-user ec2-user 479 Sep 19 16:28 t_students.py
user@ip-172-31-8-129 CloudComp_Fall23$ python3 main.py
Started server process [3027]
Waiting for application startup.
Application startup complete.
Uvicorn running on http://0.0.0.0:8012 (Press CTRL+C to quit)
209.2.24.54:63236 - "GET /hello/Bar HTTP/1.1" 200 OK
  
```

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