Part 1 – Setup

Task 1 - XAMPP Installation

1. Once the XAMPP has been downloaded, the .exe file will prompt a warning related to the UAC
2. To resolve that go to Run>msconfig>Tools>change UAC>Launch
3. Here, toggle over "Never notify", finally OK and proceed with the setup
4. Uncheck Filezila, FTP Server, Mercury Mail Server and Tomcat as well as Webalizer, Fake sendmail
5. Click next to continue install

Task 2 – Activate XAMPP and phpMyAdmin

1. Goto C drive> xampp> xampp-control
2. Start Apache and MySQL
3. Goto the browser and type localhost:8080/dashboard
4. Click on phpMyAdmin from the menubar. You should be able to see the phpMyAdmin homepage,

Task 3 – The work-ir-as folder

1. Move the provided folder to C drive>xampp>htdocs
2. To check if it works, open the browser and type http://localhost:8080/work-ir-as/templates/index.html

Part 2 – Dealing with Flask installation

Task 1 – Installation of Flask MySQL client

1. Open command prompt and navigate to the directory work-ir-as via command prompt shell
2. Type in: pip install flask_mysqldb

Task 2 – (Only at the time of error in installation) Wheel file setup

1. Download the file mysqlclient-1.4.6-cp37-cp37m-win32.whl from the internet
2. Move the file to the folder "work-ir-as"
3. Return back to command prompt shell and type "pip install mysqlclient-1.4.6-cp37-cp37m-win32.whl"
4. If succeeded, try once again by typing in: pip install flask_mysqldb
5. If not, then upgrade the VC++ build tools. Open Visual Studio Installer, click on modify, select "Development with C++…" option and select the VC++ build tools from the right panel and click on OK.

Part 3 – Time to Run the app

Task 1 – Importing the provided database file

1. In the folder work-ir-as, find the file "myrecords.sql"
2. Navigate to the video link to follow the instruction for the successful import to phpMyAdmin
3. Video link: https://www.youtube.com/watch?v=jW5lrS6EUPM
4. After the successful import, navigate to users table and leave it as it is. Do not close the tab.

Task 2 – Visual Studio Code

1. Open Microsoft Visual Studio code
2. Click on File>Open folder and select work-ir-as under C:>xampp>htdocs
3. Open the app.py script from the folder/ file hierarchy on the left panel of Visual Studio Code
4. Click on the green play button icon on the top right corner of the visual studio code window
5. Once the server is up and running, go to the browser and type in http://127.0.0.1:8080/
6. On the json import interface, upload the test.json (provided within the work-ir-as folder)
7. Click on "Parse the uploaded file"
8. Finally click on "Submit" button
9. Now let us go back to the phpMyAdmin tab, in which we opened the users table and left it as it is
10. Refresh the tab and now you will be able to see some records added.

Task 3 – Daily Run (reference to above steps)

1. Run the xampp control panel
2. Activate the Apache and MySQL server options
3. Open Visual Studio Code
4. Run python script with the play button mentioned earlier
5. Open browser and type http://127.0.0.1:8080/

All the best of luck