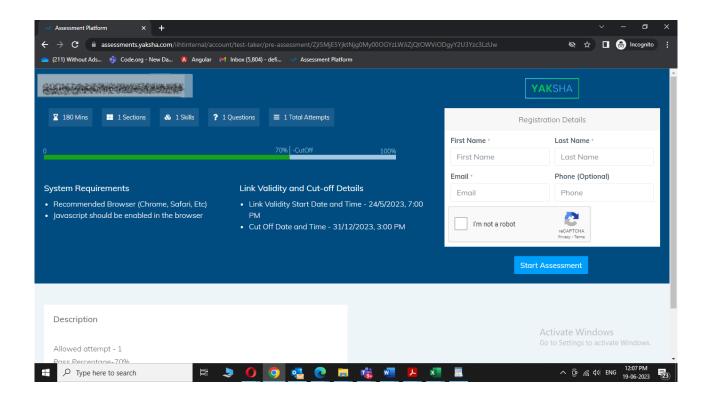
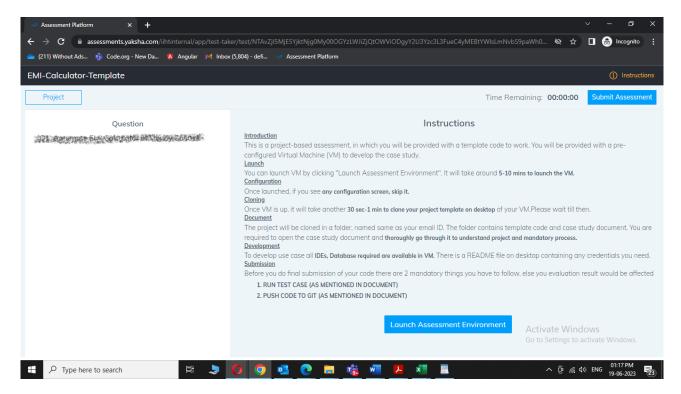
# • USER GUIDE FOR TAKING VM BASED AUTO-GRADED ASSESSMENT

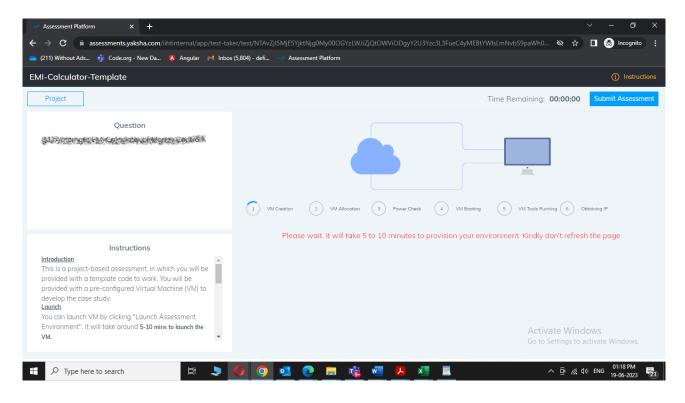
1. Login into assessment by providing relevant information



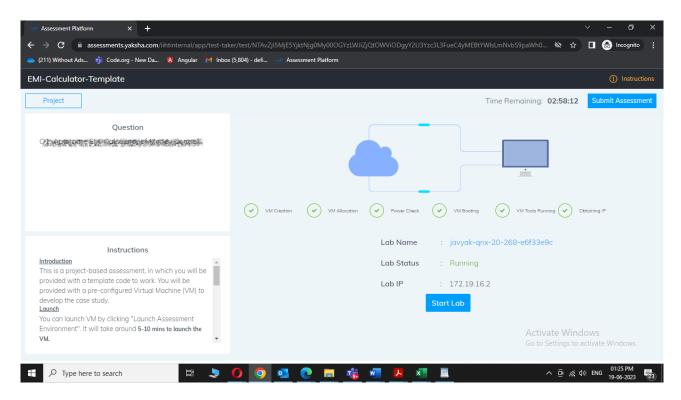
- 2. After login a landing page would be redirected, wherein you will have
  - a. Instruction for assessment.
    - Make sure you thoroughly go through them.
  - b. Option to Launch the assessment environment



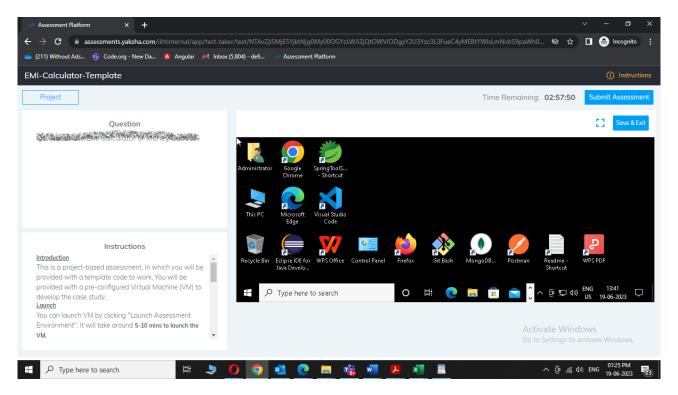
3. Once clicked on Launch Assessment Environment it will start loading the same.



4. Once loaded it will ask to start the Labs



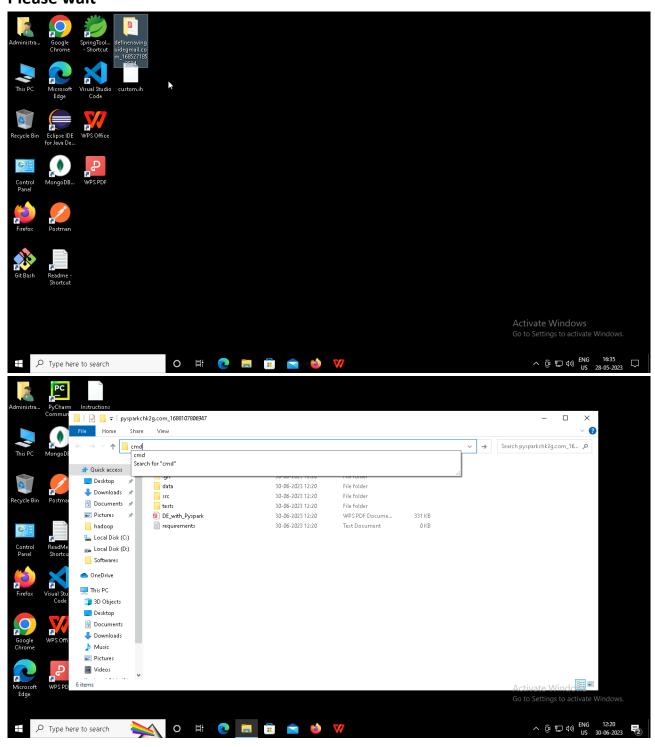
5. Once done it will provision a VM. You can use option of Toggle FullScreen to get VM in FullScreen mode. To move out of Full Screen, you can use Esc.



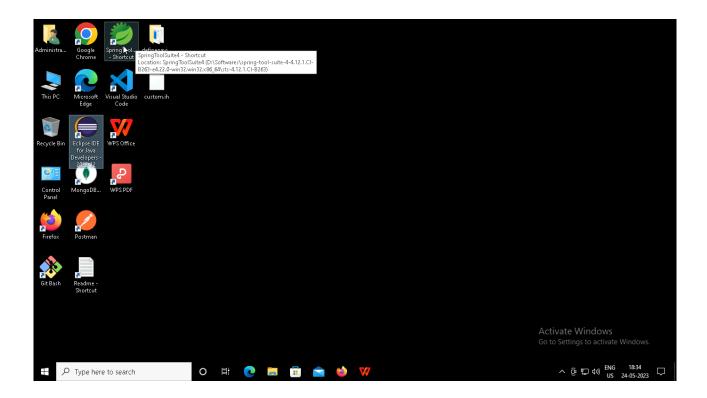
6. On You VM Desktop you will find a folder named with your Email ID. This contains the template code and Use case Document.

Make sure you open the document and thoroughly go thorough it to understand the SRS and expectations.

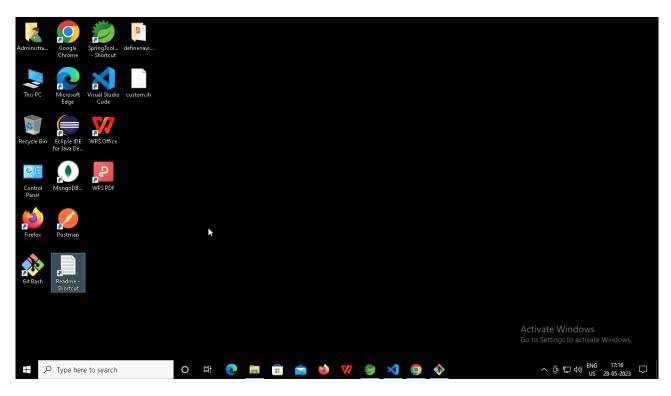
Note: It will take 30 sec to 1 min to clone the project folder on your desktop. Please wait



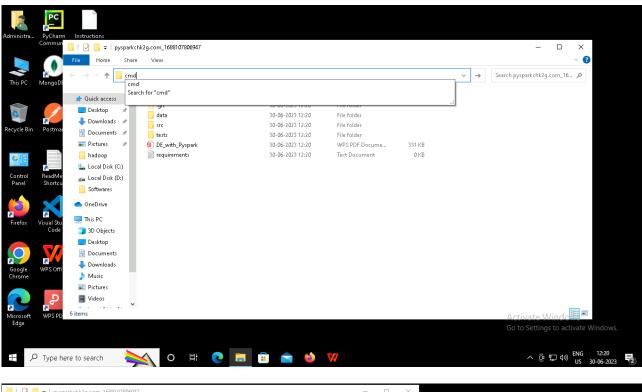
- 7. Search for IDE you want to use for development (or any tool you need). You may find shortcuts of few of them on desktop also.
  - a. For Java based project, you will have Eclipse and STS.
  - b. For Angular/React project, you will have VS Code IDE
  - c. For .NET based, you will have Visual Studio
  - d. For Python based, you will have Pycharm/Jupyter/VS Code

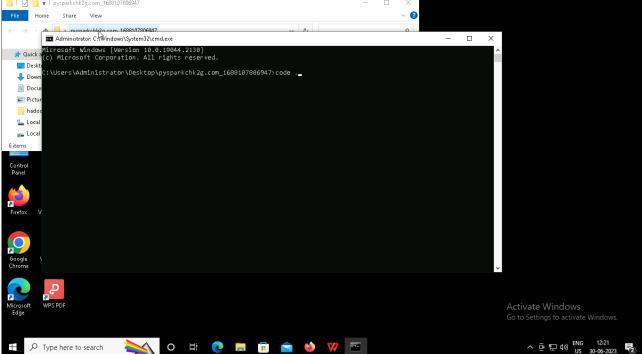


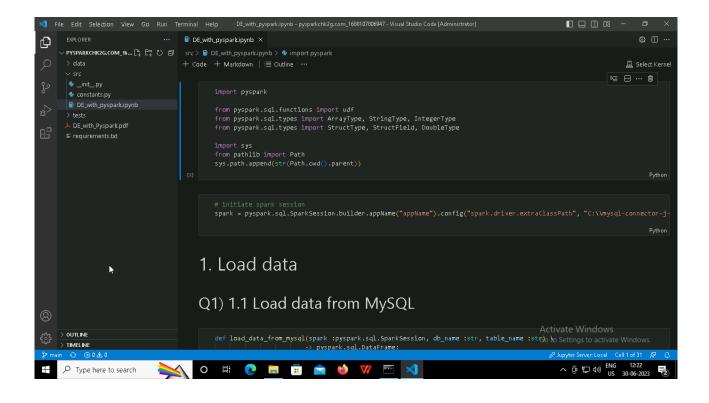
8. All credentials needed for any DB connections are available on desktop in Readme file



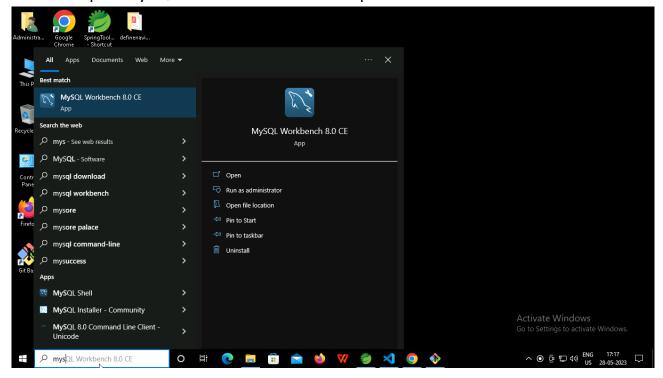
- 9. Opening PySpark Project.
  - a. Get into the project folder
  - b. Launch Command Terminal
  - c. Launch VS Code

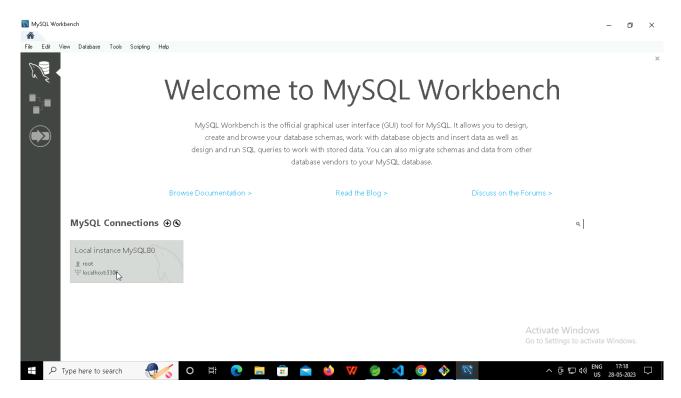




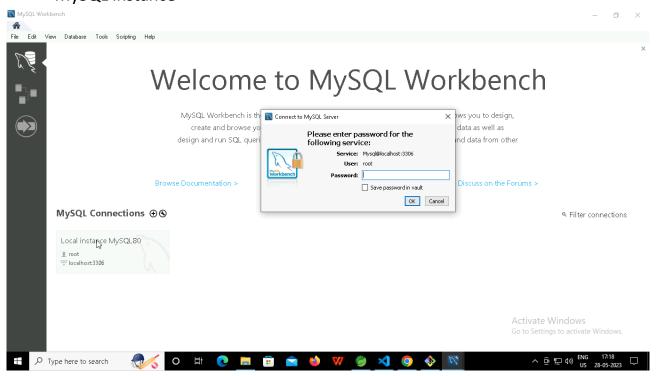


#### 10. You can open MySQL workbench from start option





 Use Credentials provided in README file (on desktop) to login into MySQL instance

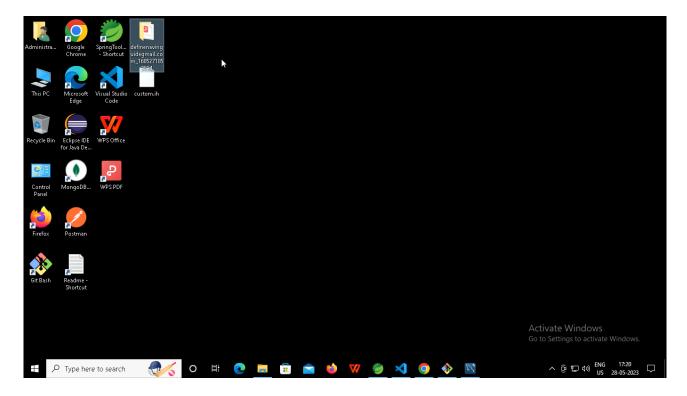


11.It is mandatory to run test cases on your project for scores to be evaluated before submission.

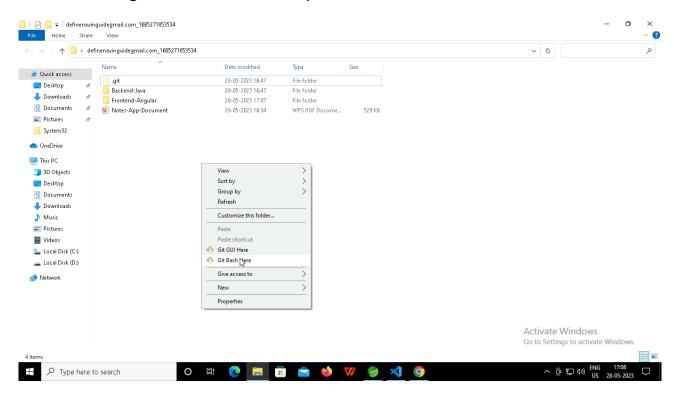
To run Test cases, use following command python -m pytest tests

You can run test cases as many numbers of times and at any stage of development, to check how many test cases are passed/failed and accordingly refactor your code.

12. Make sure before final submission you commit all changes to git. For that open the project folder available on desktop



a. Right click in folder and open Git Bash



# b. In Git bash terminal, run following commands

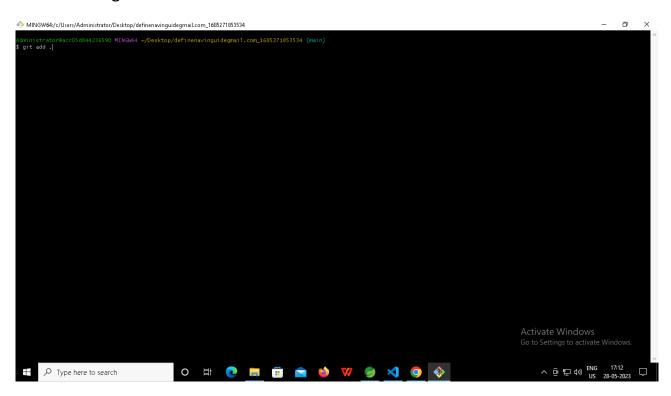
## c. git status

```
MNOWWAR/C/Users/Administrator/Pestage/definemaxinguidegmail.com_1685271853534

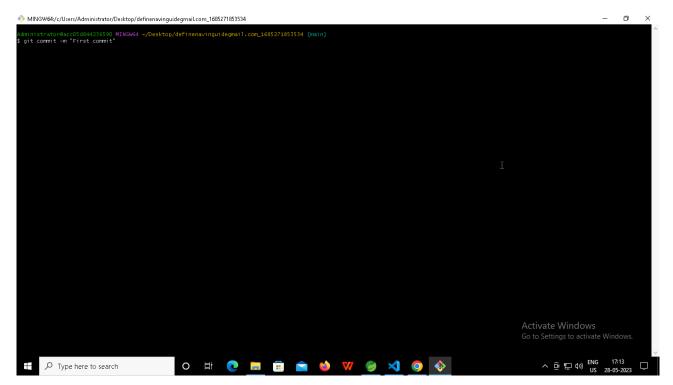
Administrator/PescCoddAdd218500 RIWAWAR -/Desktop/definemaxinguidegmail.com_168527

3833544 (main)
383354 (mai
```

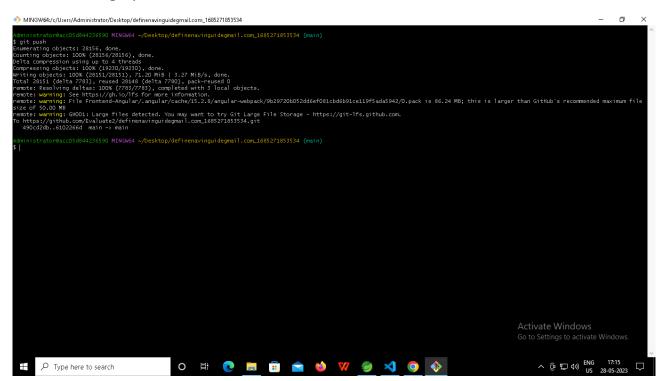
#### d. git add.



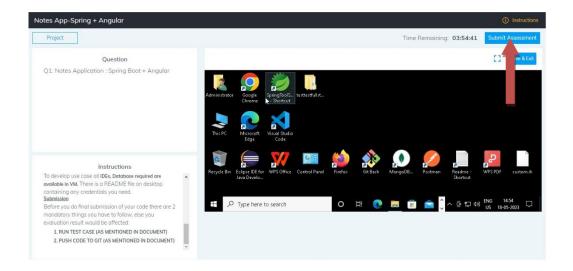
# e. git commit -m "First commit"(You can provide any message every time you commit)



### f. git push

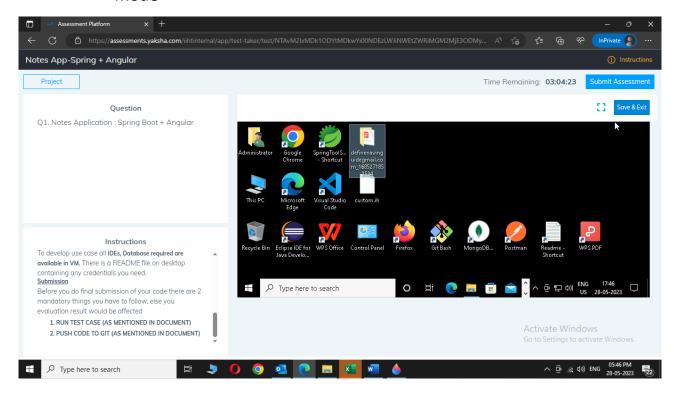


13.Once you are ready to do the final submission, click on Submit assessment after moving out of Full Screen mode

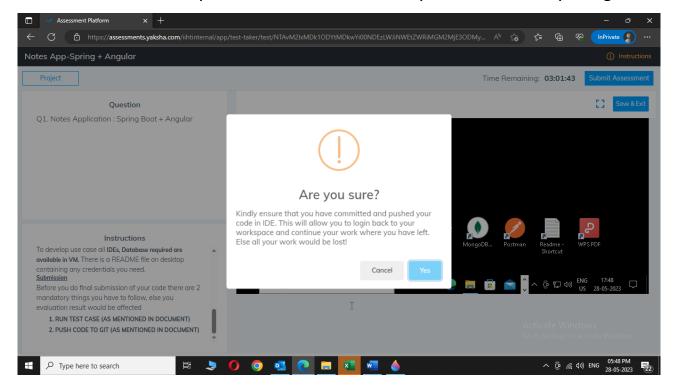


#### 14.Logging Out without submitting:

a. You have an option to logout in between without submission. The option is available as "Save & Exit" once you move out of fullscreen mode



b. Make sure you have done the mandatory activities before you logout



c. Once you logout the timer will stop. You will be able to login back in assessment using the same credentials. Your timer will restart and you will be able to continue your assessment from the point you have left