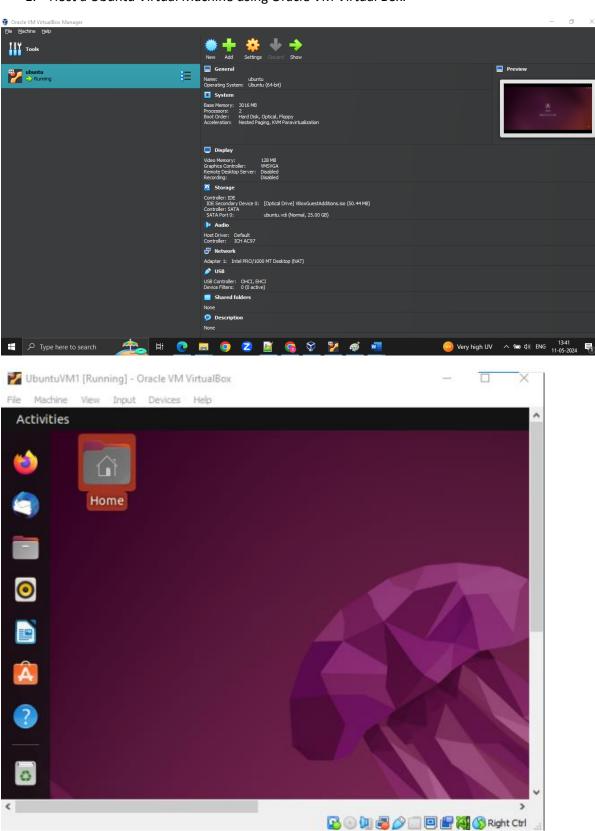
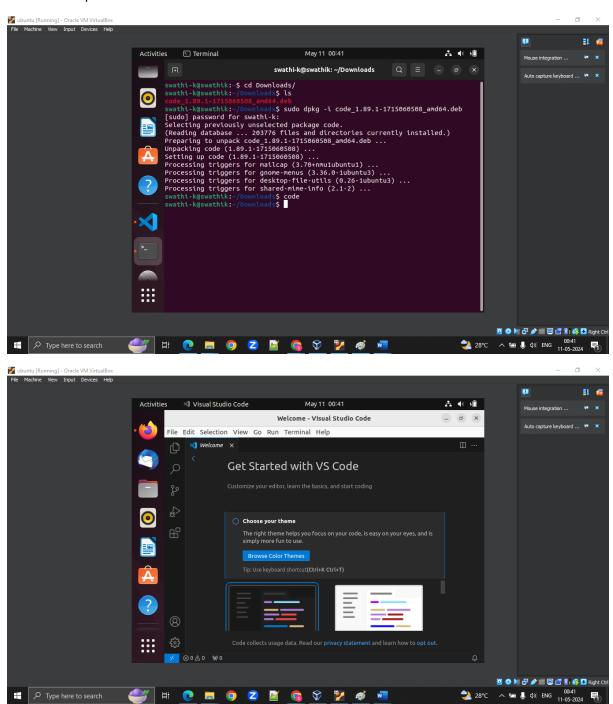
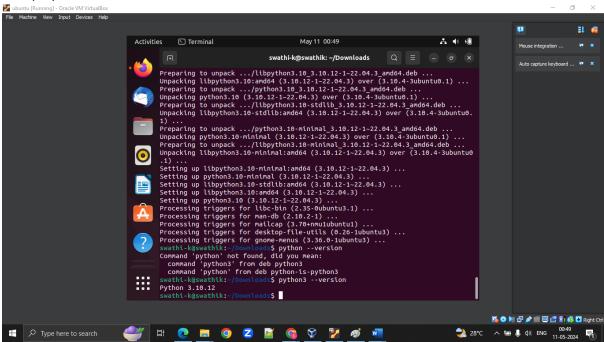
1. Host a Ubuntu Virtual Machine using Oracle VM Virtual Box.



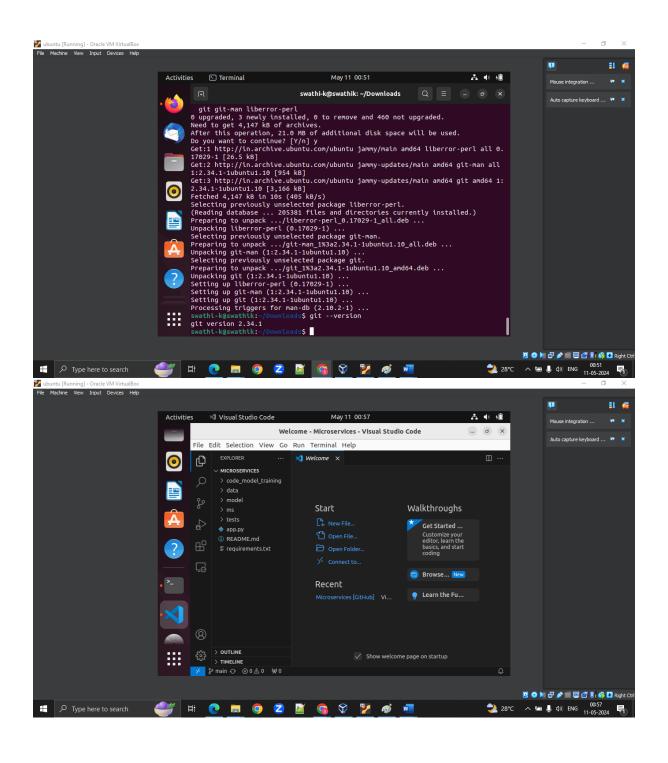
2. Set up Visual Studio code on Ubuntu VM.



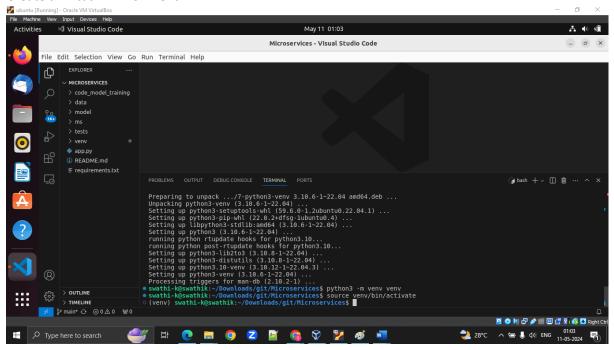
3. Set up Python.



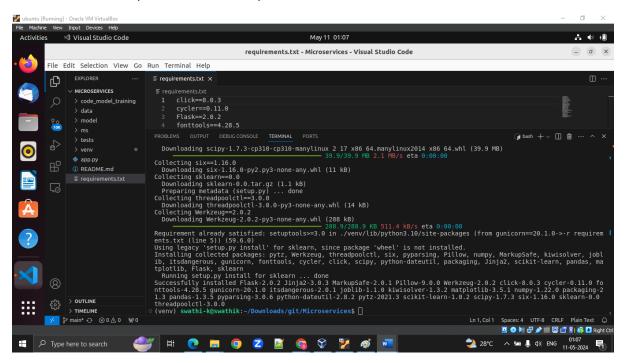
4. Clone this github repository - https://github/Vikas098766/Microservices



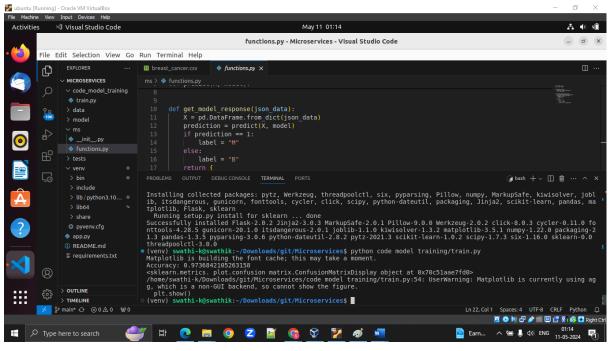
5. Create a Virtual Environment.

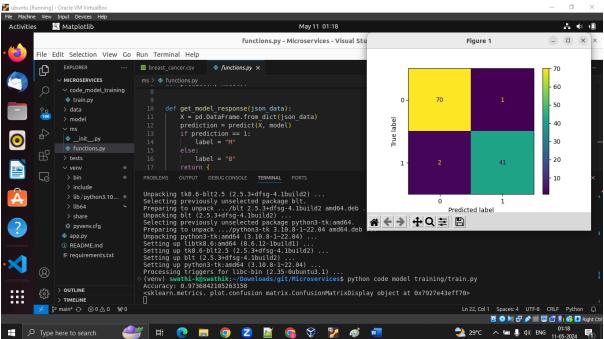


6. Install the dependencies from requirements.txt file.

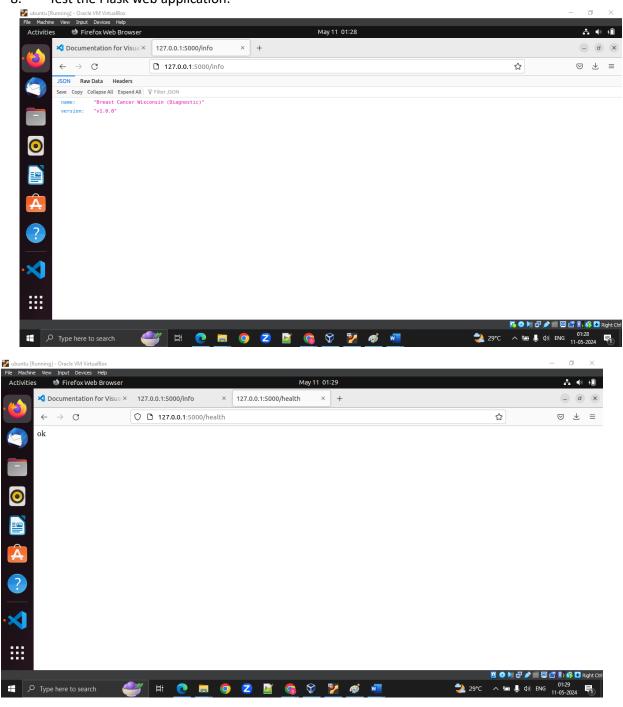


7. Train and save the model.

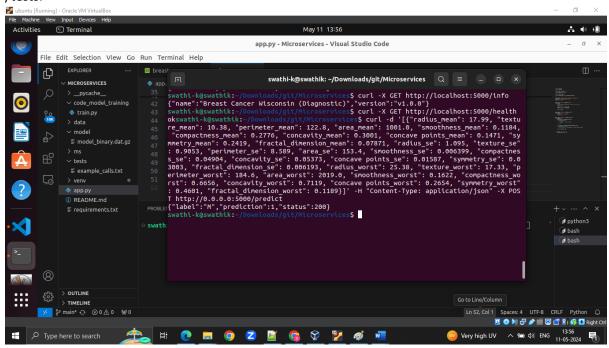




8. Test the Flask web application.

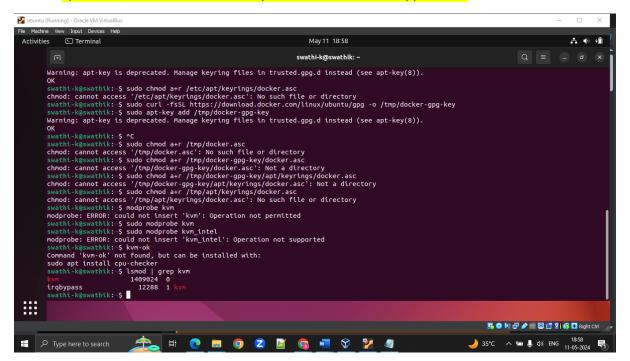


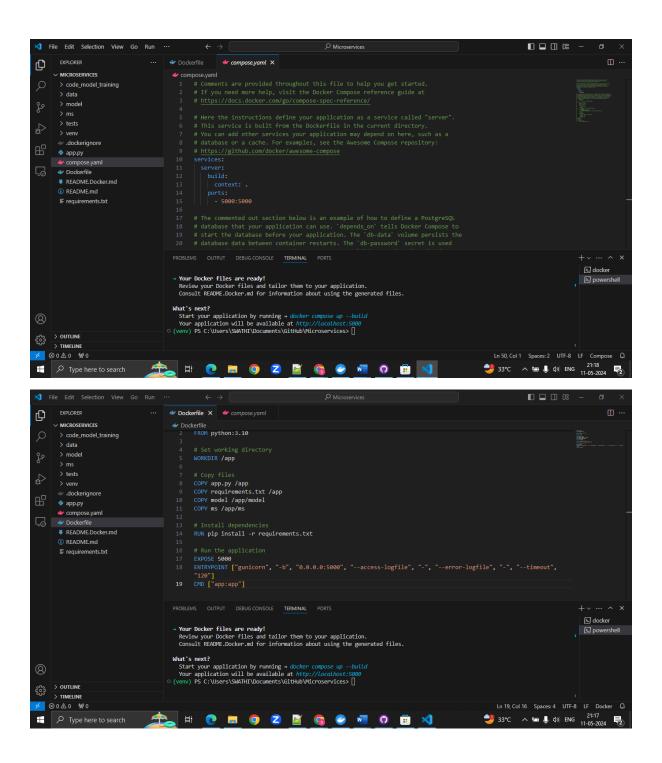
9. Test the application and make predictions using the example calls available in the folder /tests.



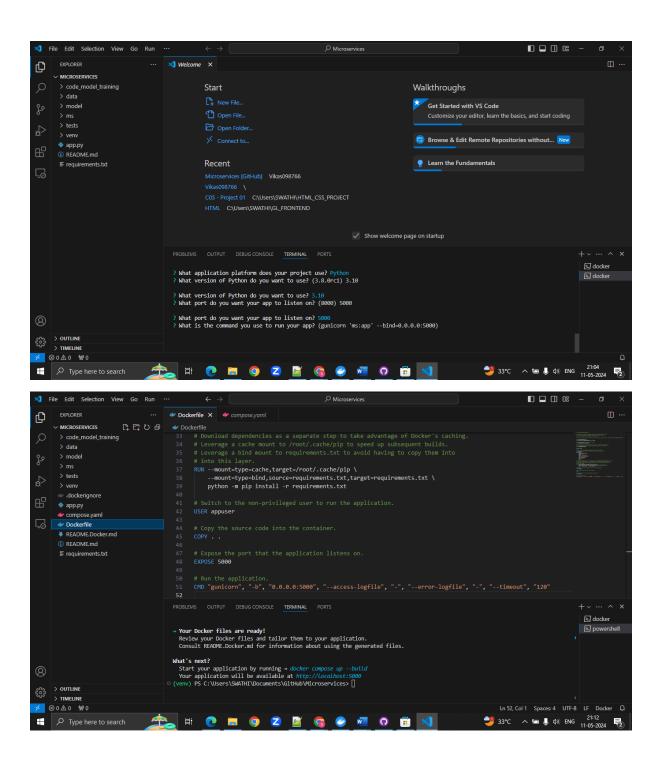
10. Create a docker image containing everything needed to run the application.

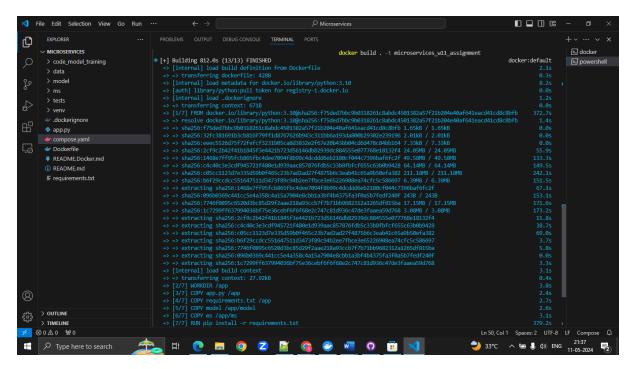
Unable to install Docker on my ubuntu virtual machine as KVM is not supported on my system. So, installed Docker on my windows and ran the application.



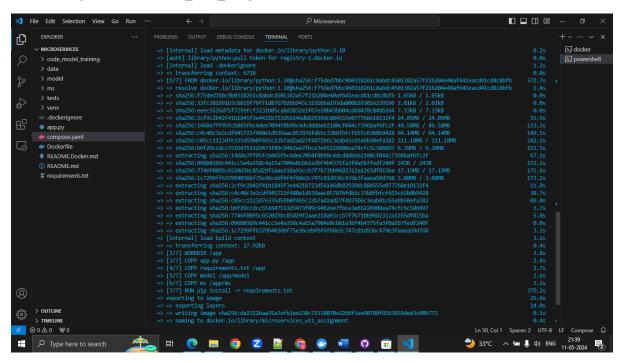


11. Run the containerized application as a prediction service and test it locally by passing some example calls and get the prediction.

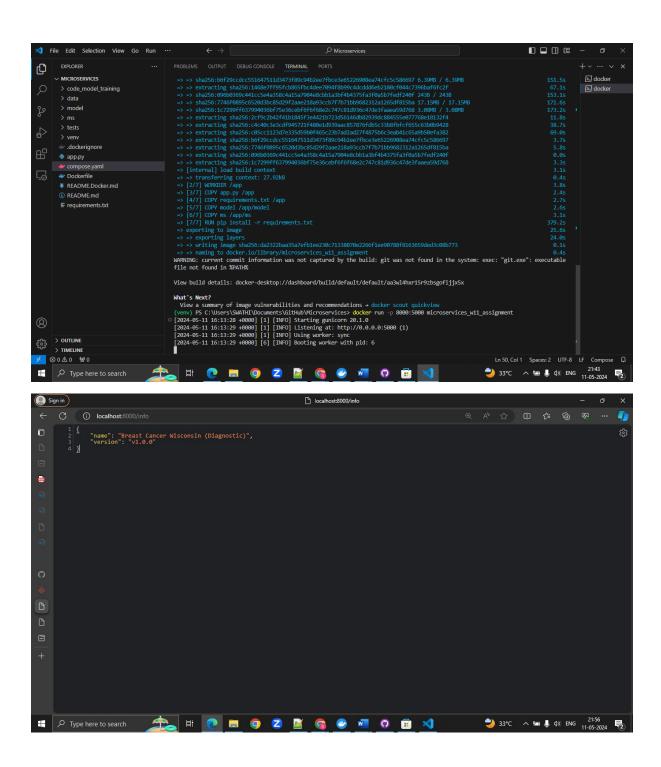


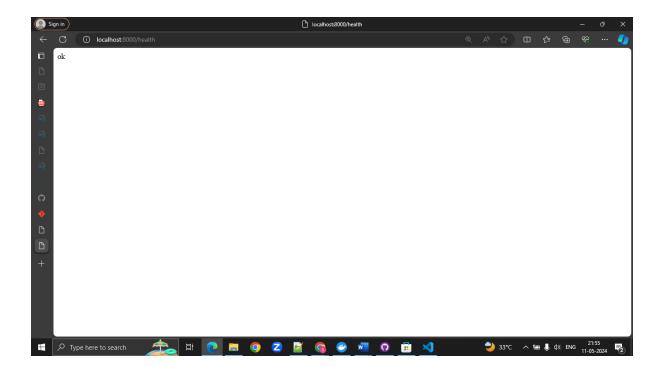


Docker Image - microservices_w11_assignment



Docker run:





Curl isn't working, so posted it on the "Postman" application.

