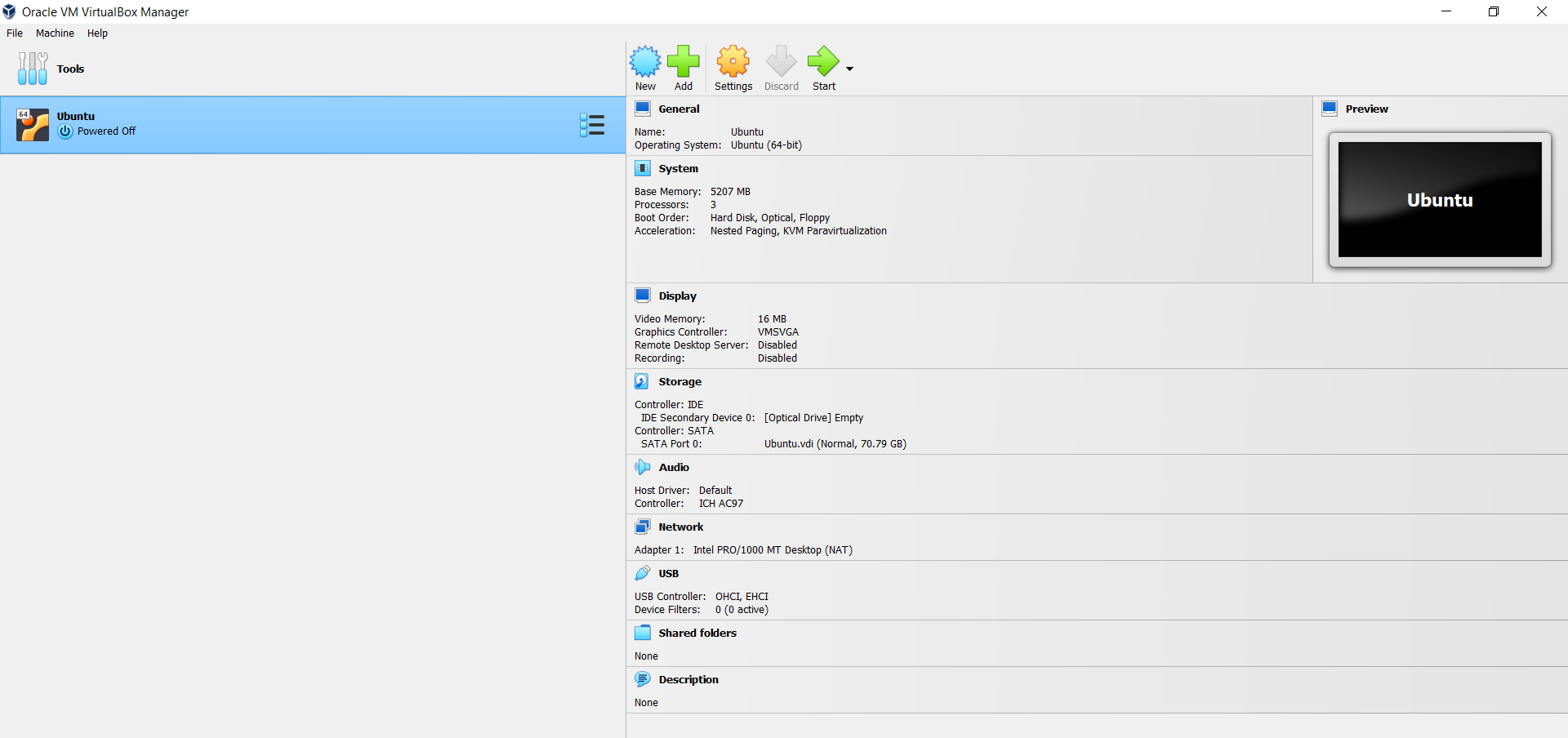
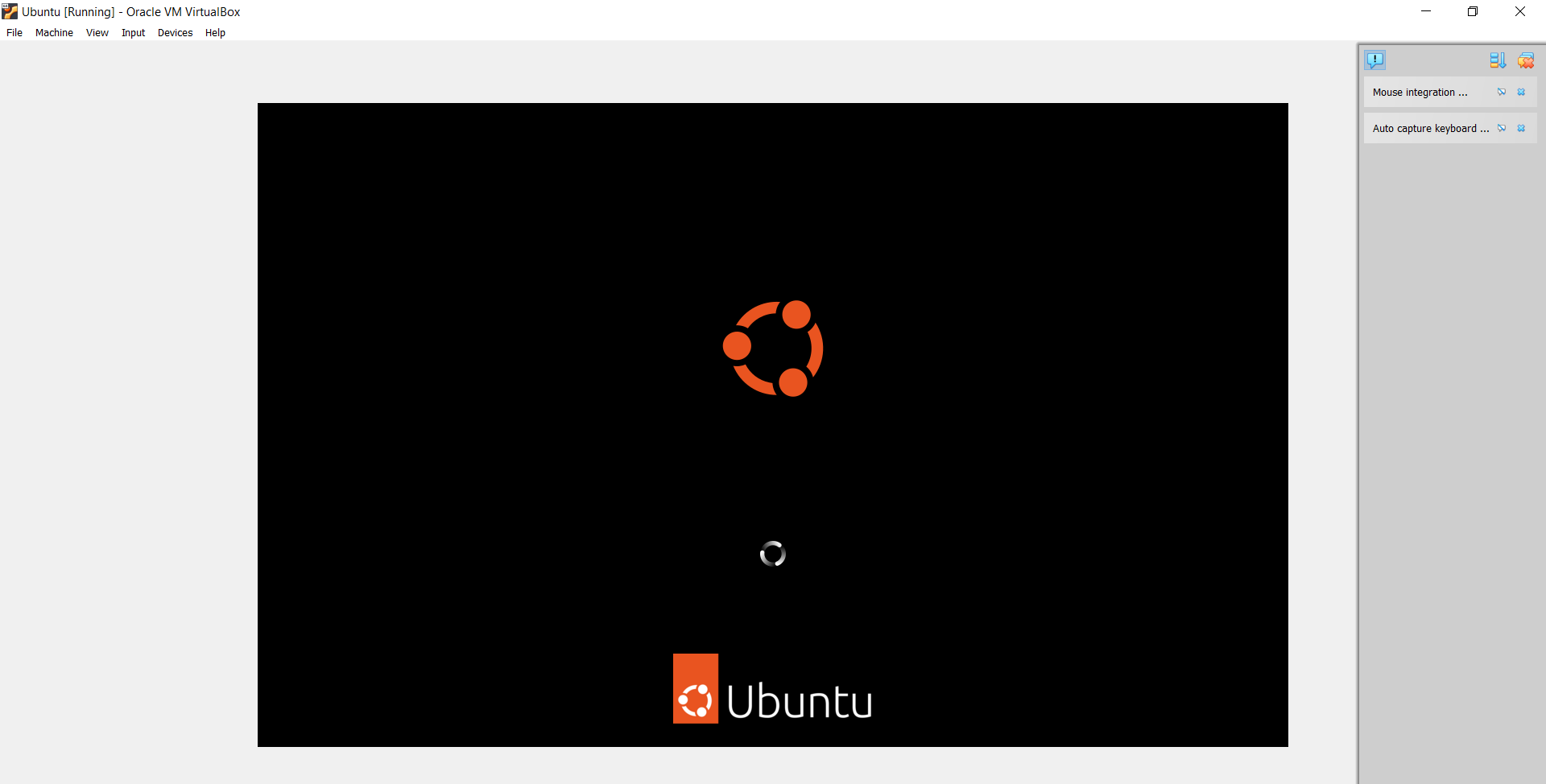
# Hosting and running microservices in Virtual Box and Linux

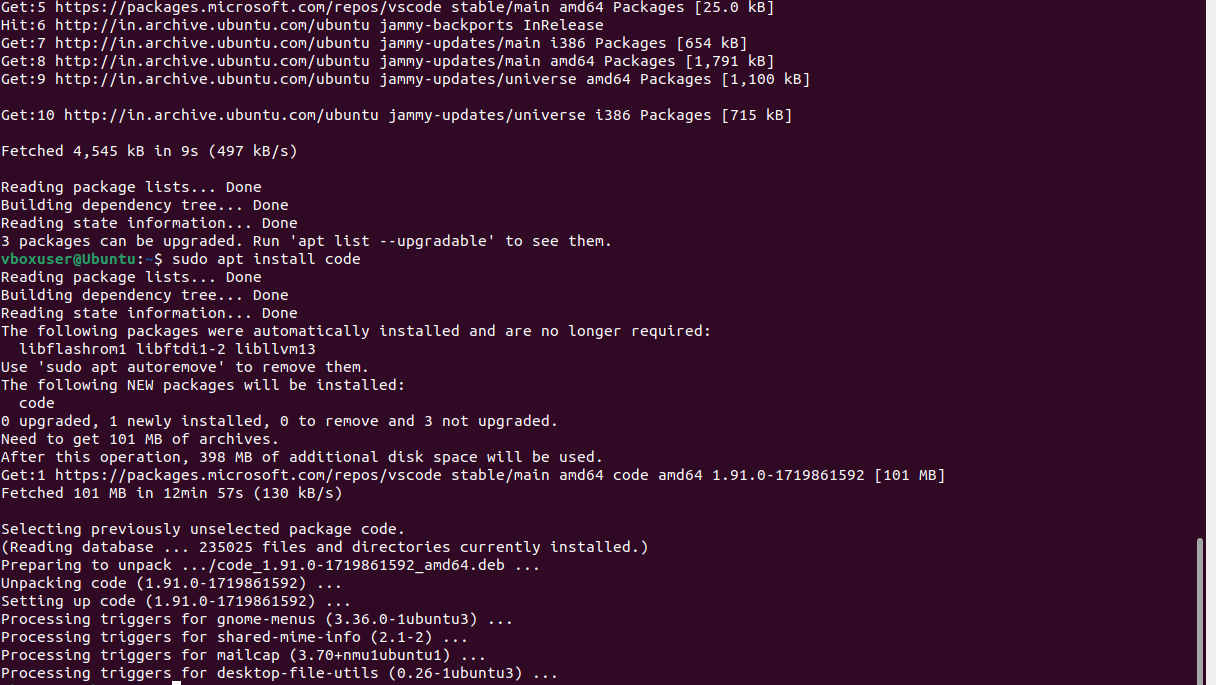
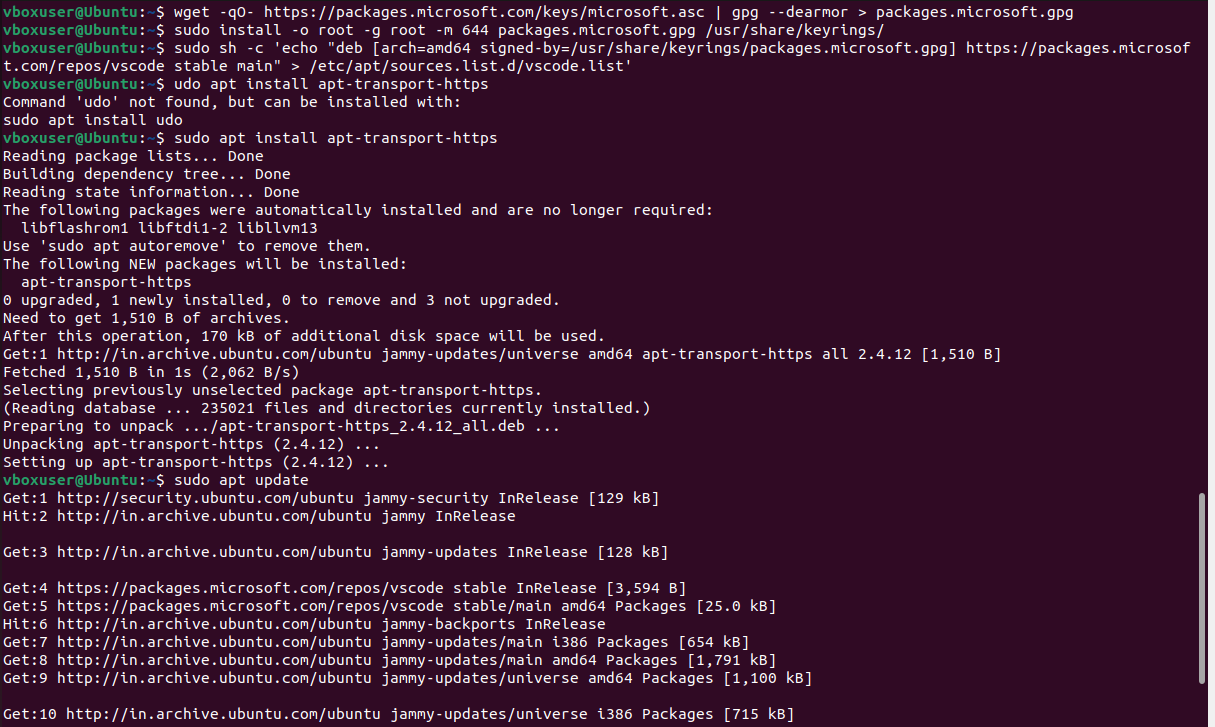
1. Host an Ubuntu system in Virtual Box



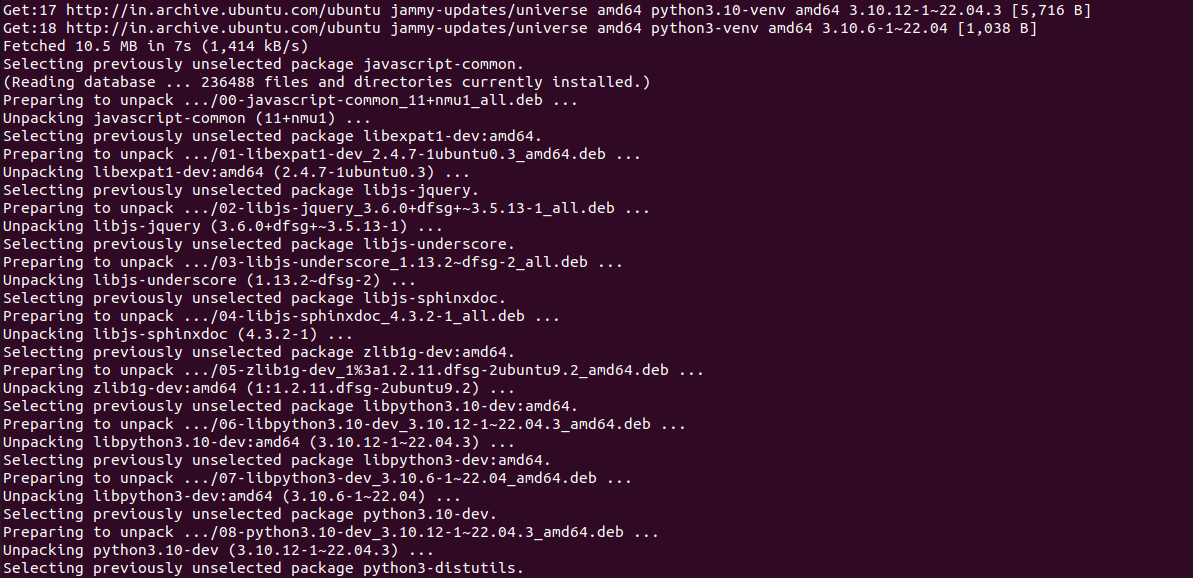
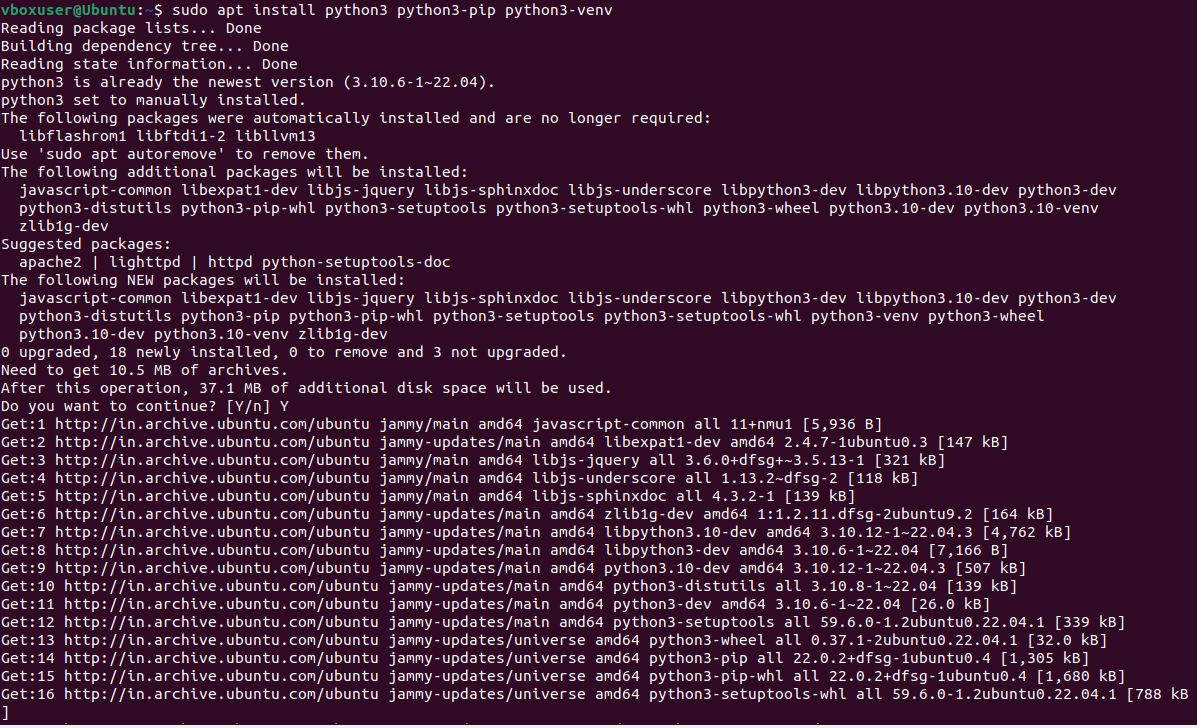
* 1. Start Ubuntu

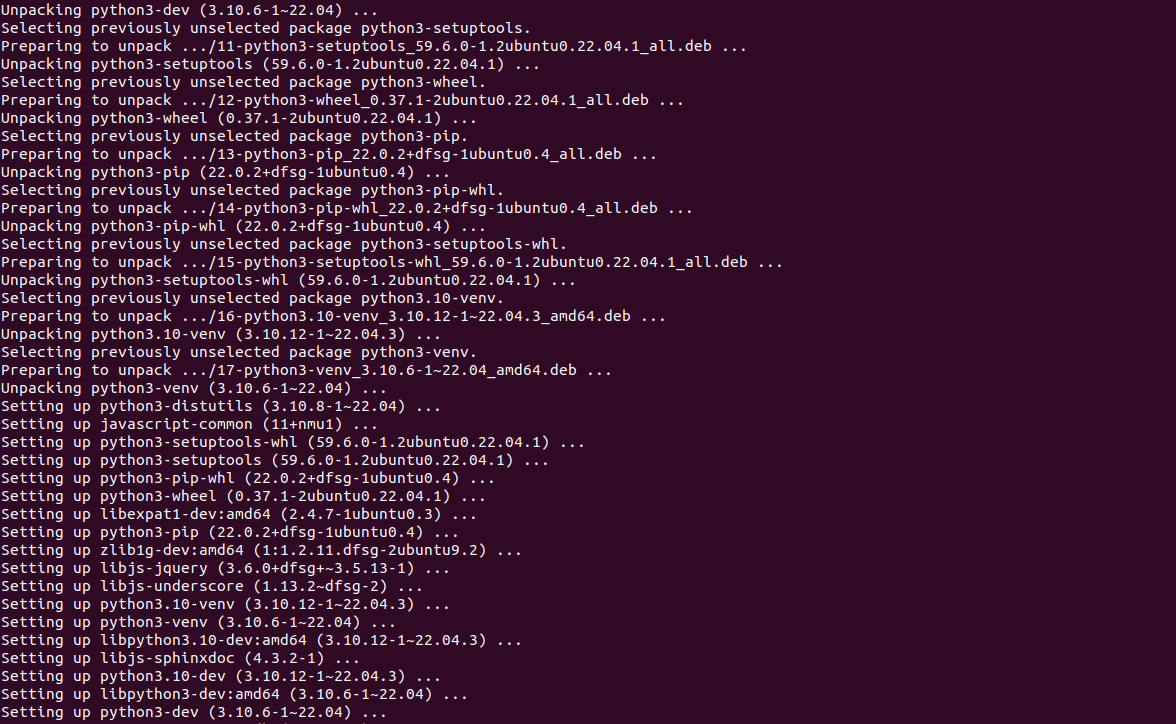


1. Set up Visual Studio code on Ubuntu VM:

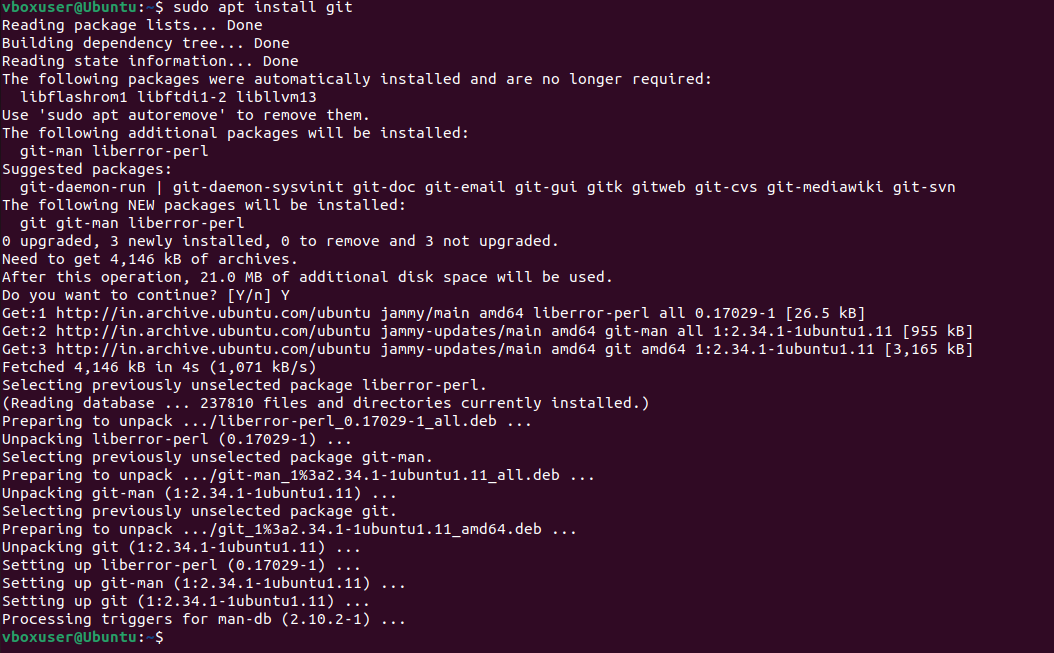


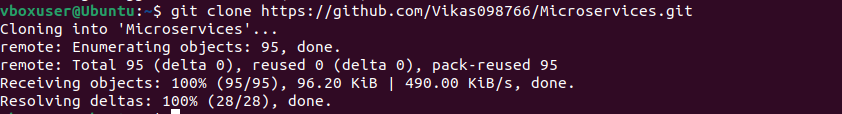
1. Install Python Environment



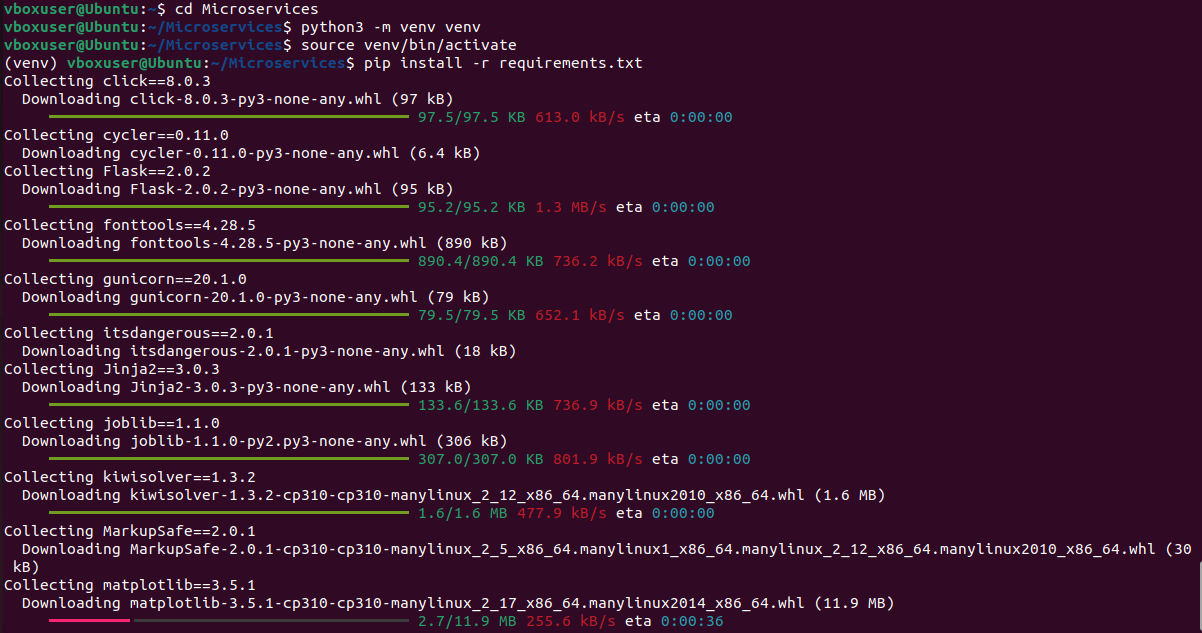


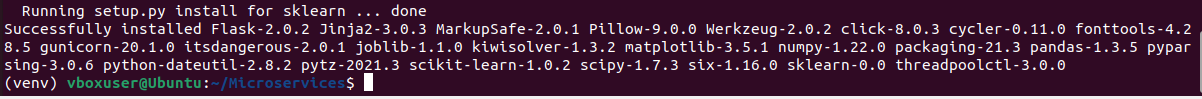
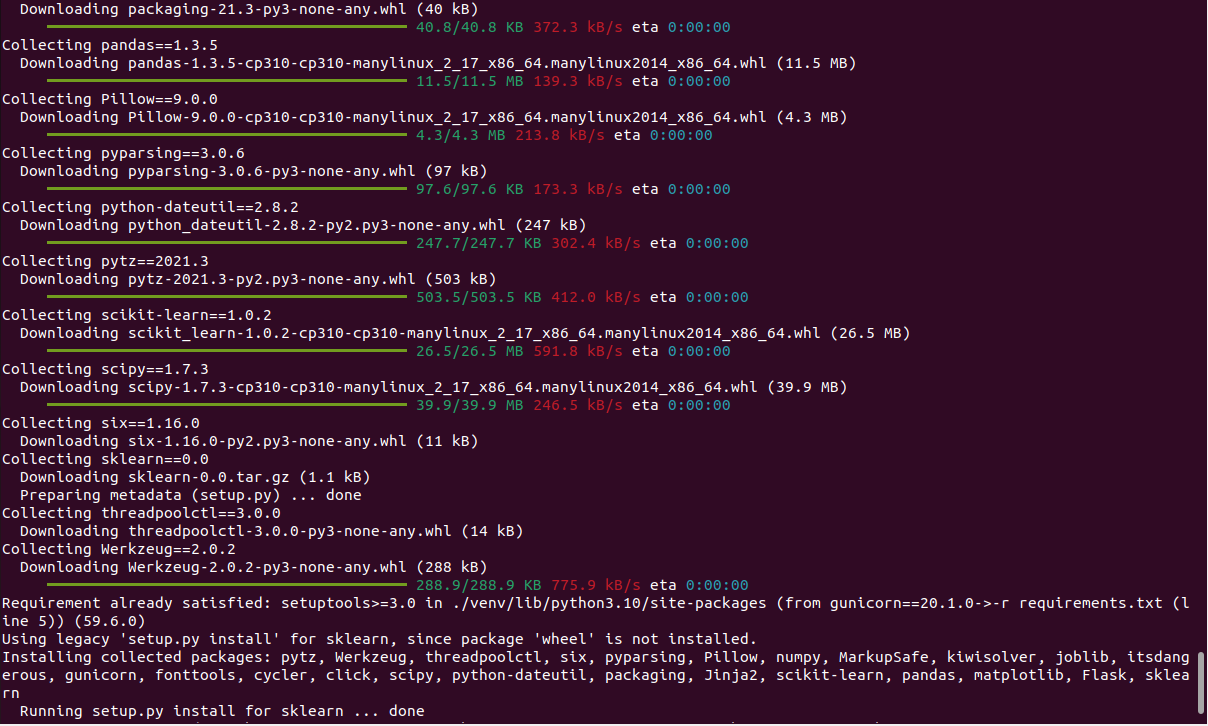
1. Install git and clone the git library:



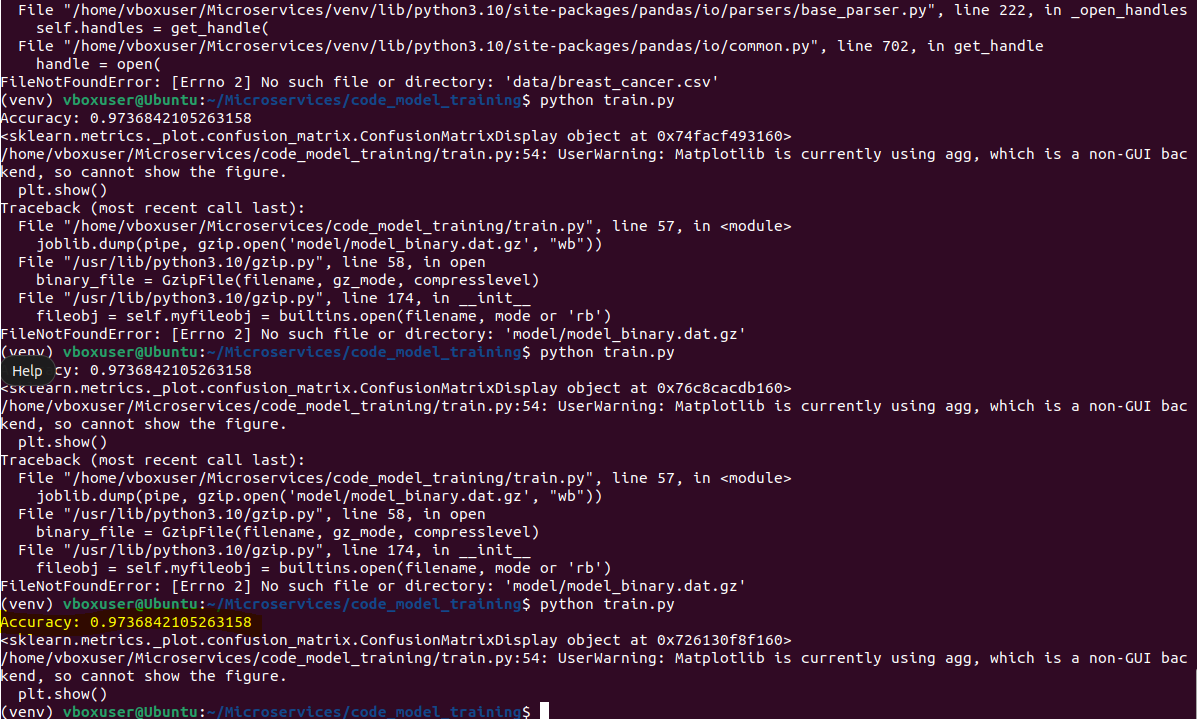


1. Setup Python Virtual Environment and install requirements

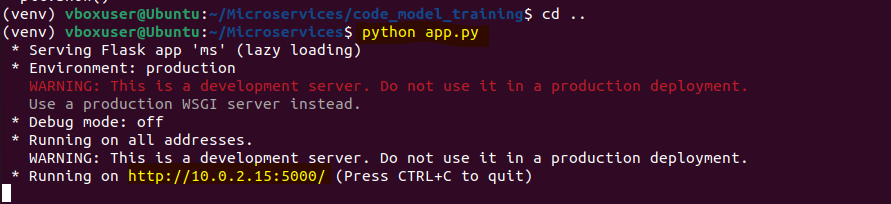


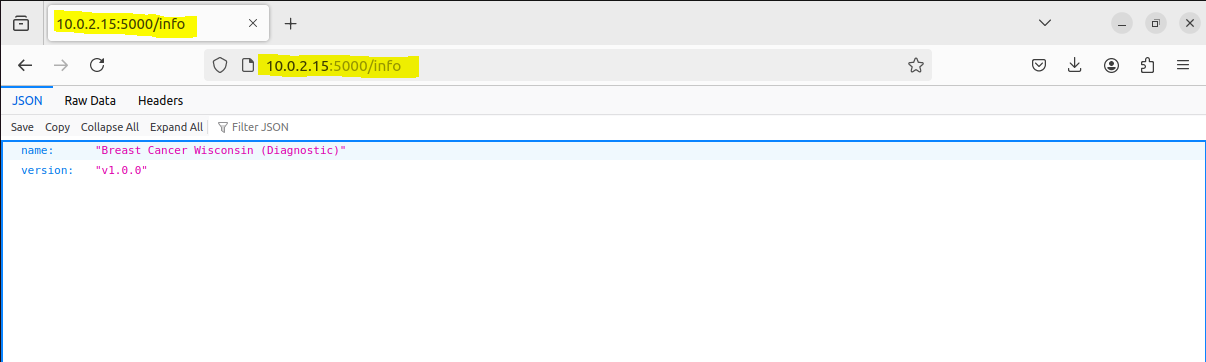


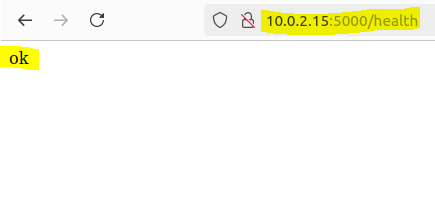
1. Train and Save model:



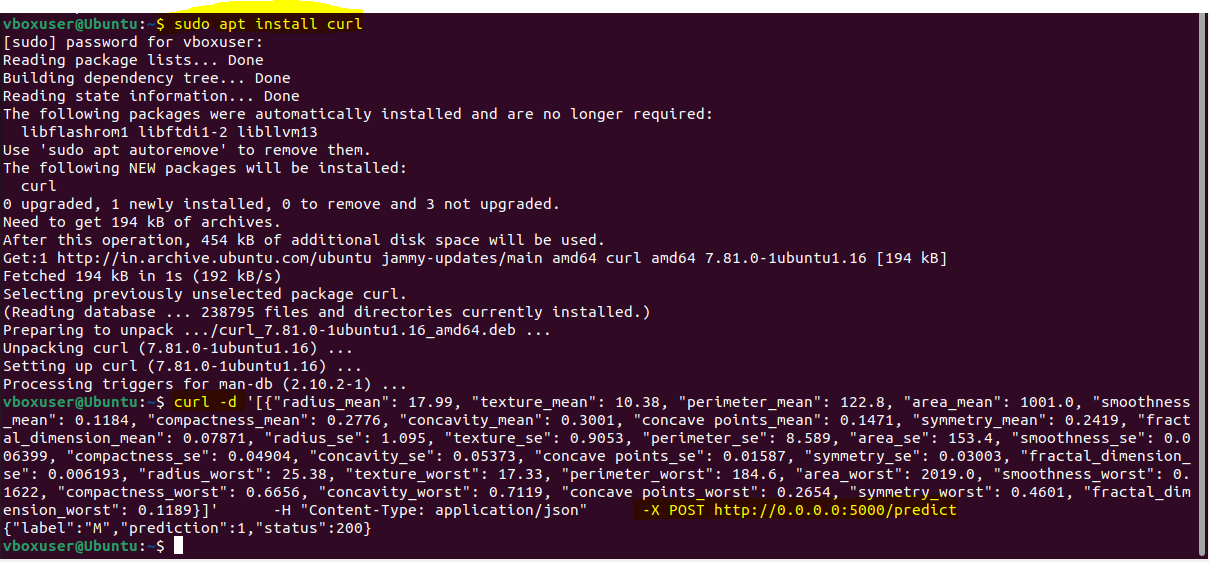
1. Test the Flask Web Application



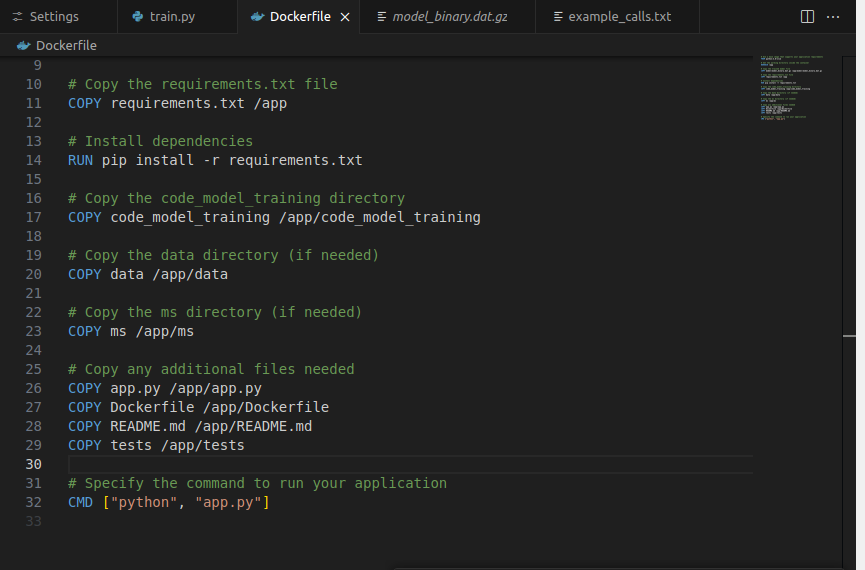




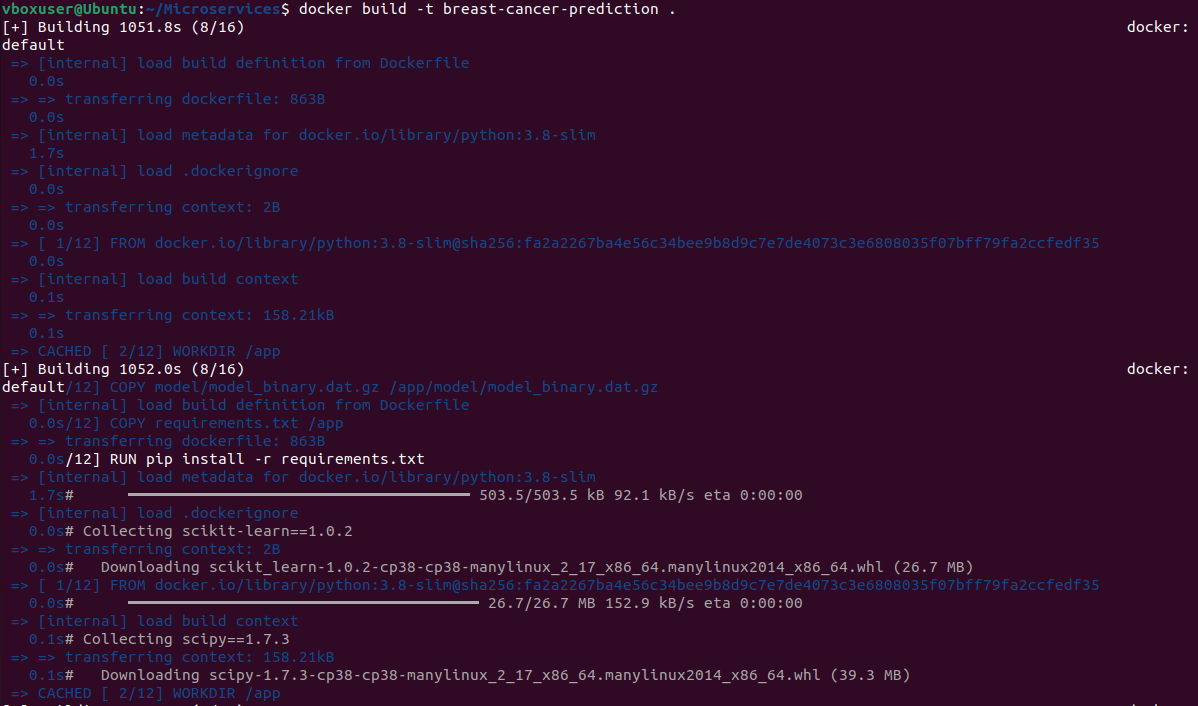
1. Install curl command to test post command

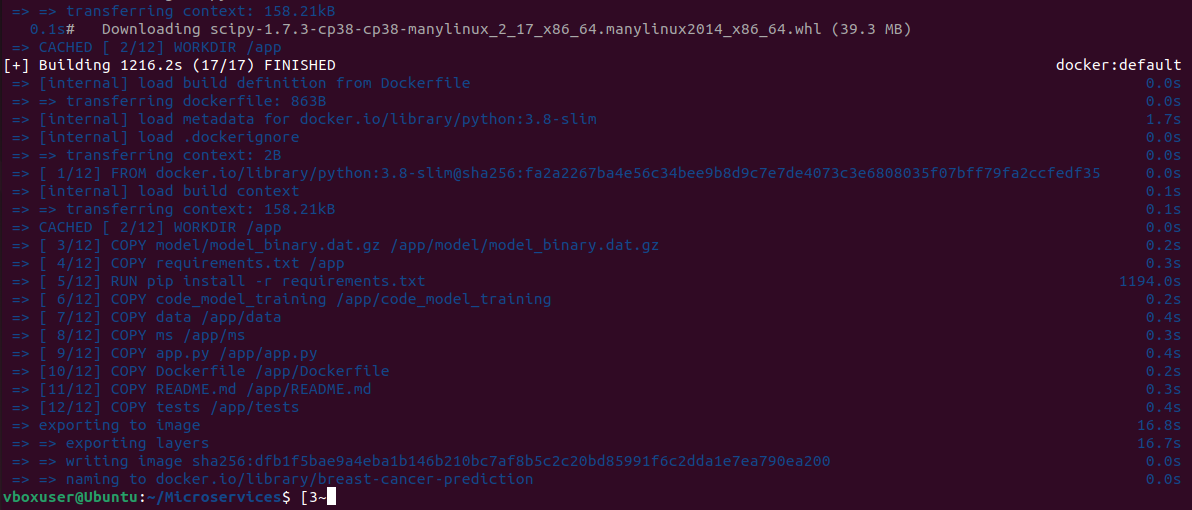


1. Create docker file



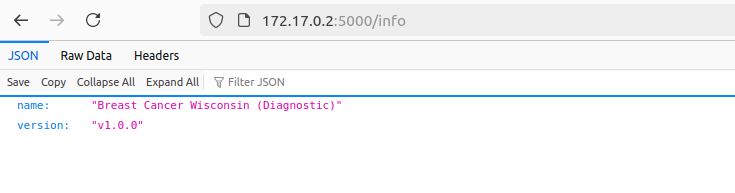
1. Build docker file



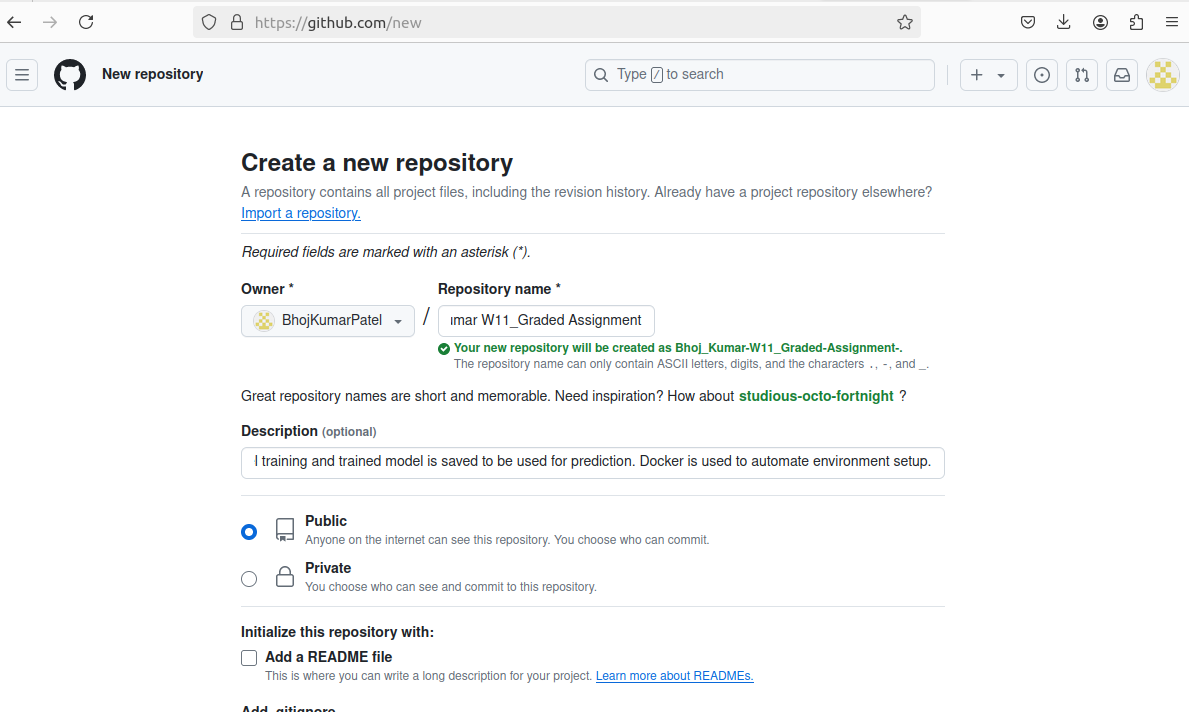


1. Run Docker

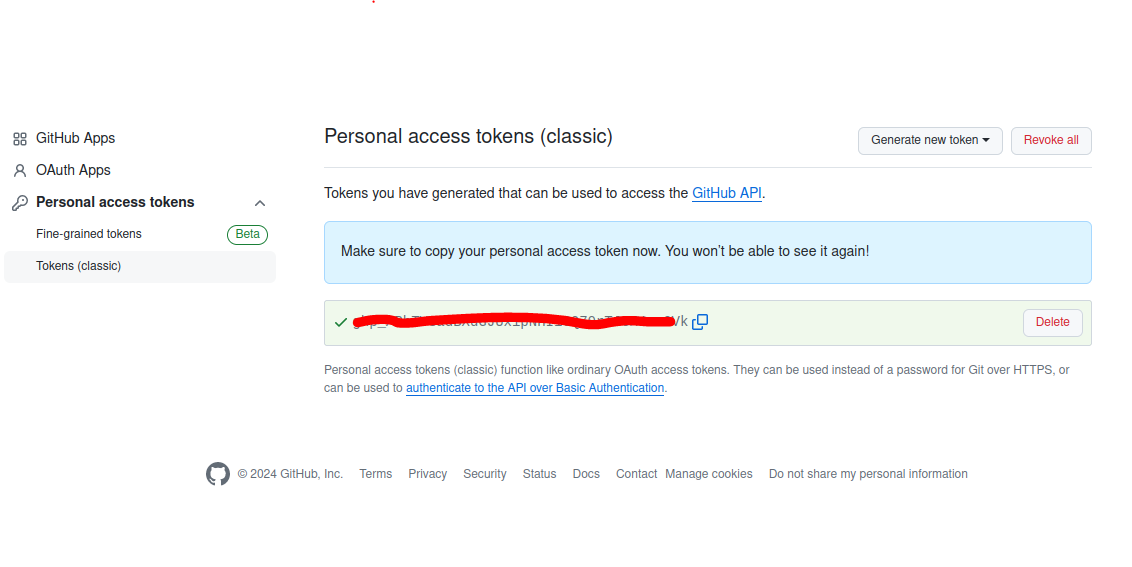


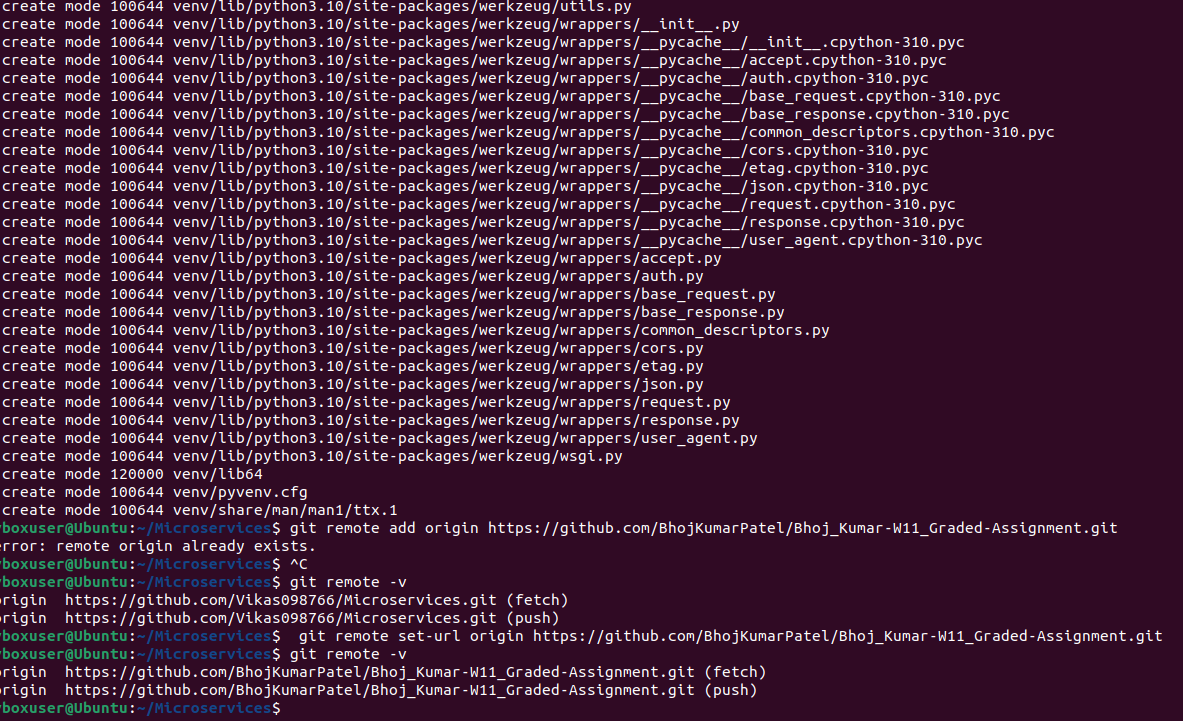


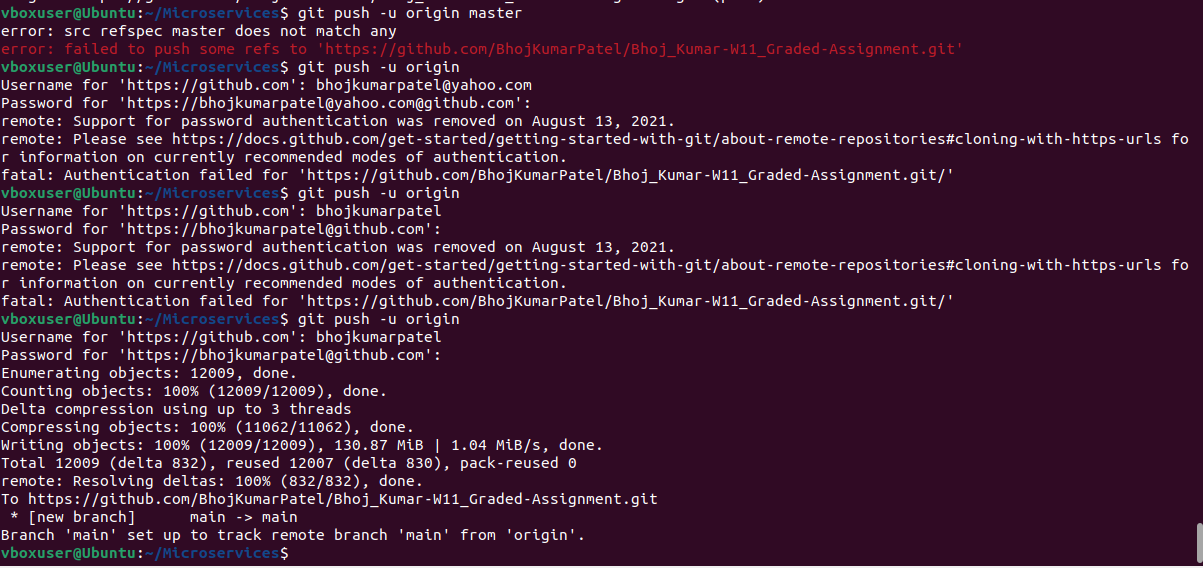
1. Push Code to git repo

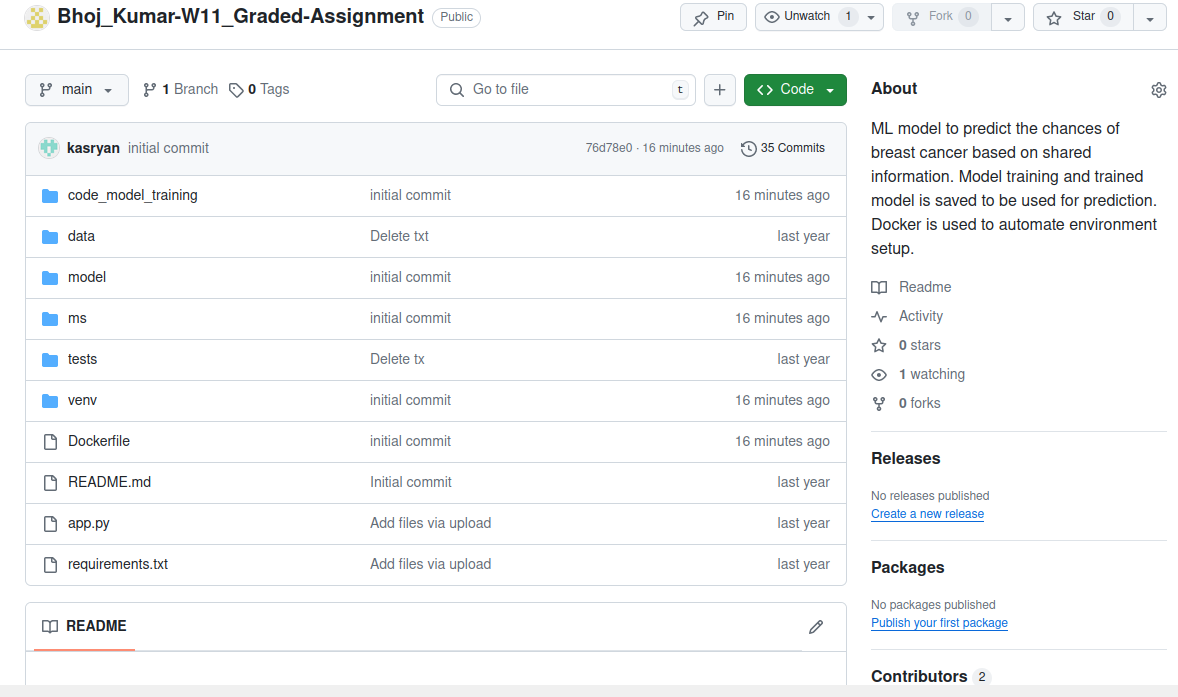


* 1. Create Personal Access Token









Git repo link: https://github.com/BhojKumarPatel/Bhoj\_Kumar-W11\_Graded-Assignment