Module 6 Activity 2: Deploying Node.JS application into Docker Using Visual Studio Brandon Trinkle

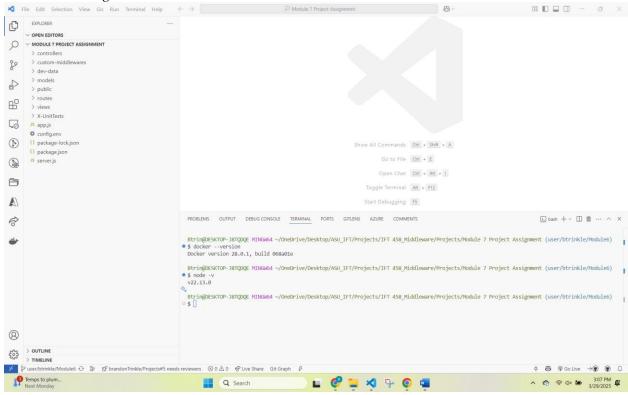
IFT 458: Middleware Programming

Professor Dinesh Sthapit

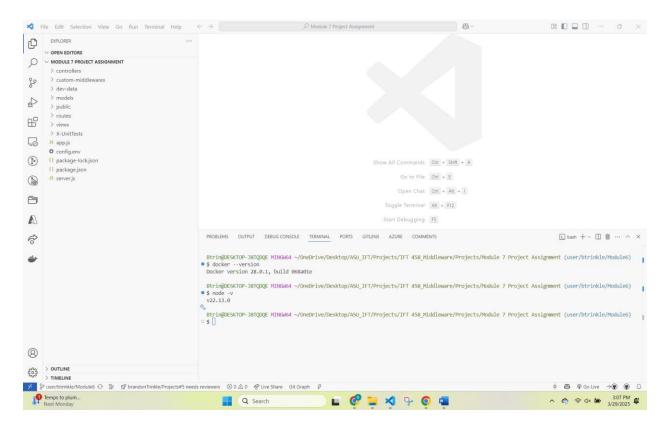
March 29, 2025

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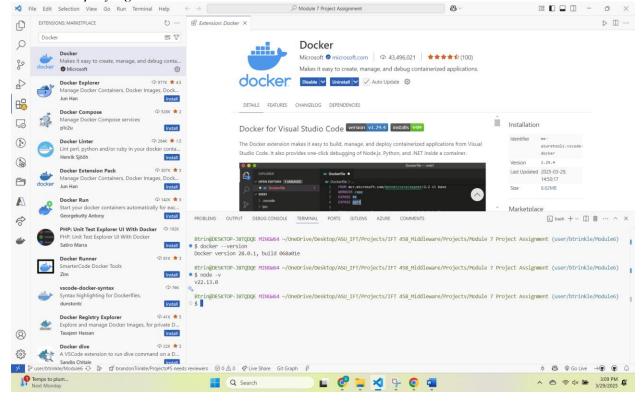
Task 1: Showing Docker version in the terminal.



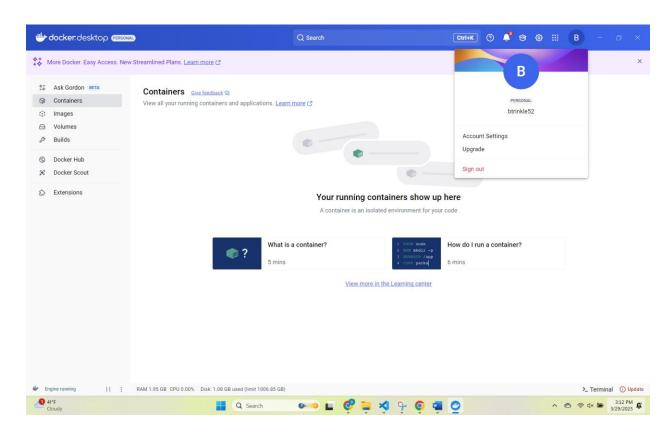
Task 2: Showing Node.js version in the terminal.



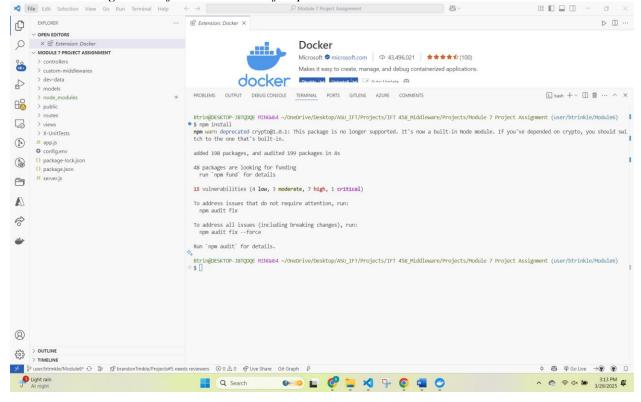
Task 3: Displaying Docker extension in VS Code.



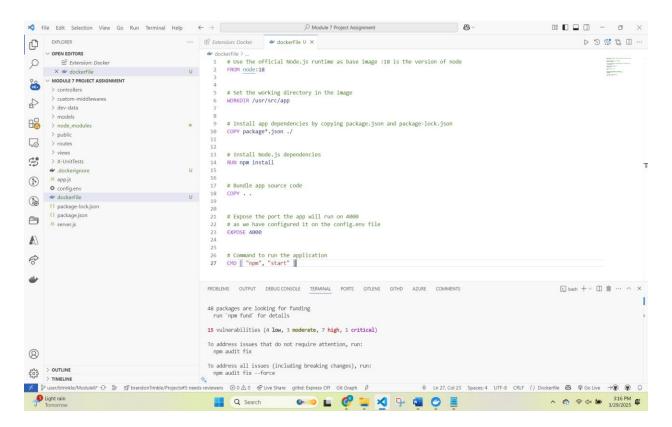
Task 4: Of the running Docker Desktop application.



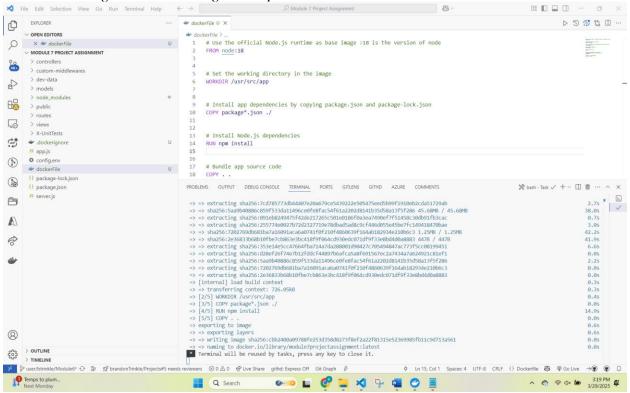
Task 5: Showing successful installation of dependencies in the terminal.



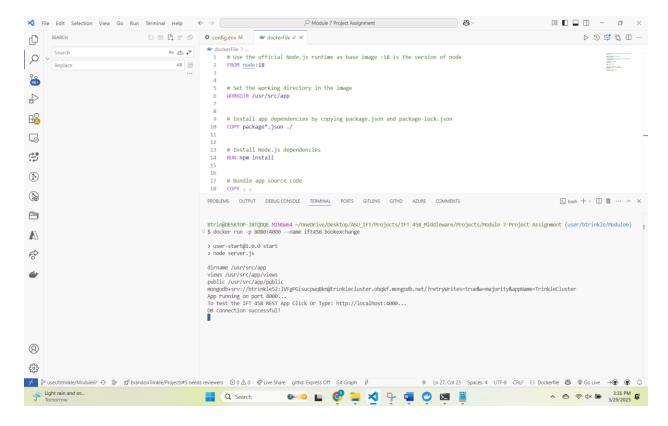
Task 6: Of the Dockerfile with content in VS Code.



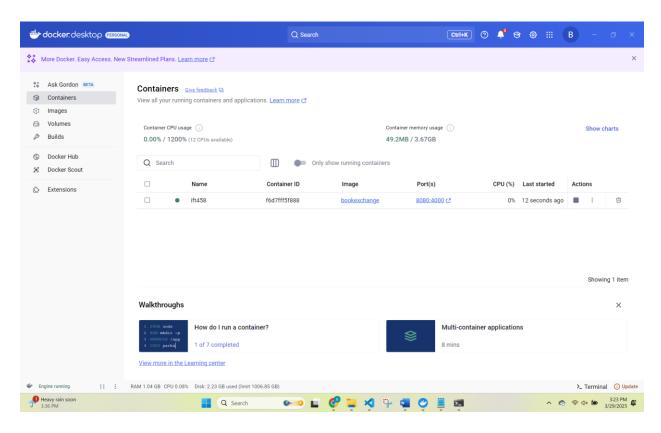
Task 7: Showing the Docker image build process in VS Code.



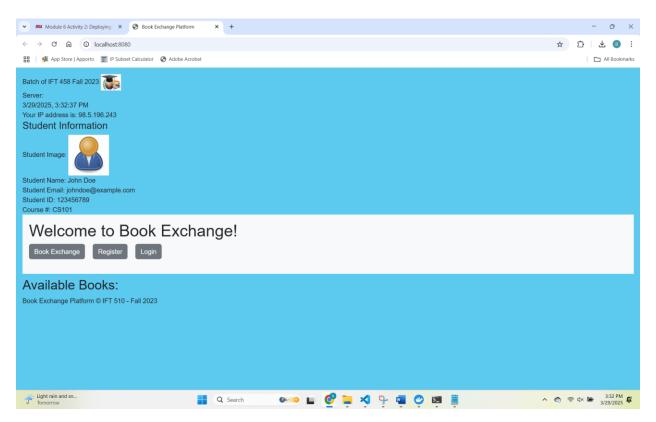
Task 8: Showing Docker container configuration



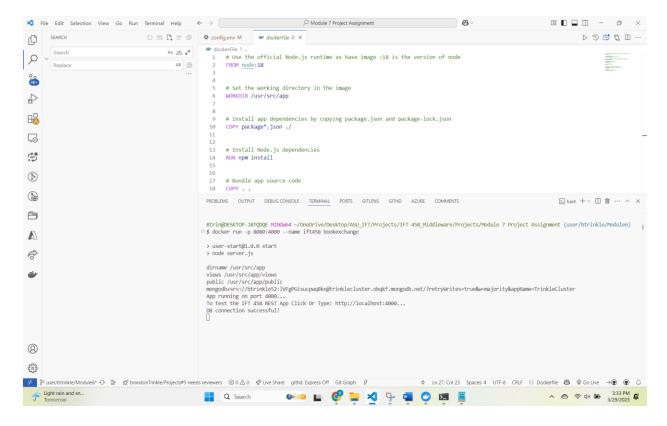
Task 9: Showing the running container in Docker Desktop.



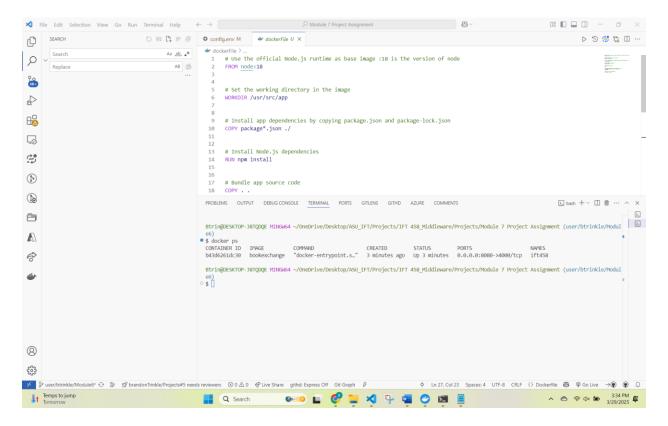
Task 10: Of the running Node.js application in the browser.



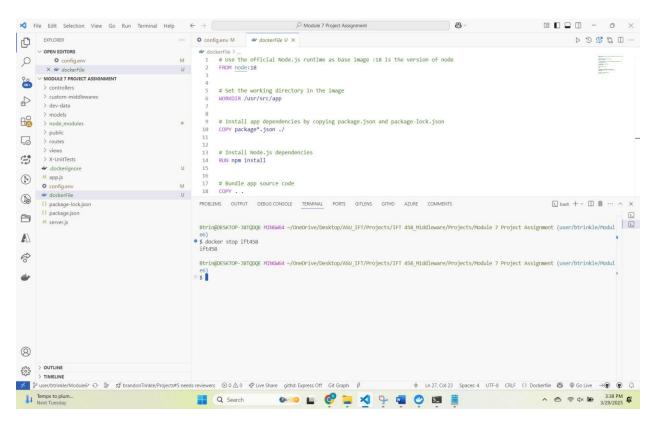
Task 11: Of the terminal after executing the Docker run command.



Task 12: Of the interactive shell session with the running Docker container.



Task 13: Showing the terminal after stopping the container.



Task 14: Showing the terminal after removing the container.

