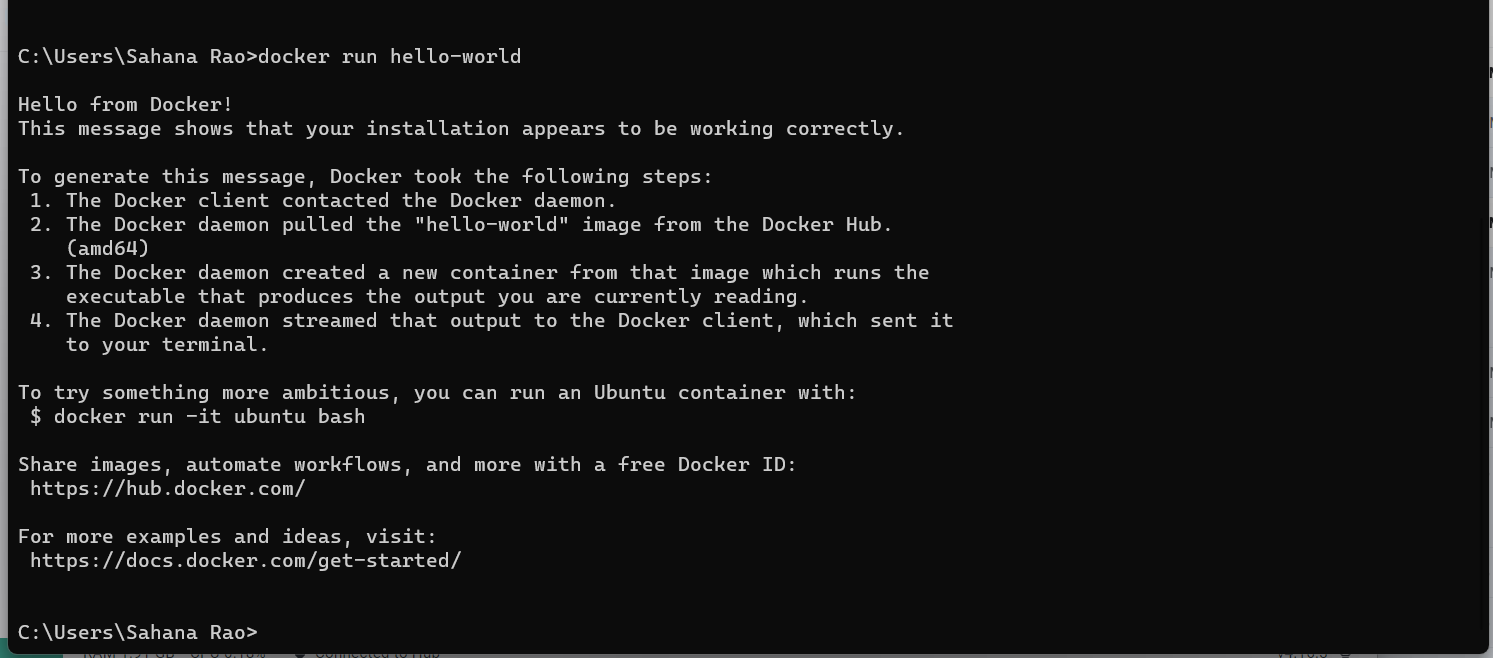
**CLOUD COMPUTING – UE20CS351 LAB**

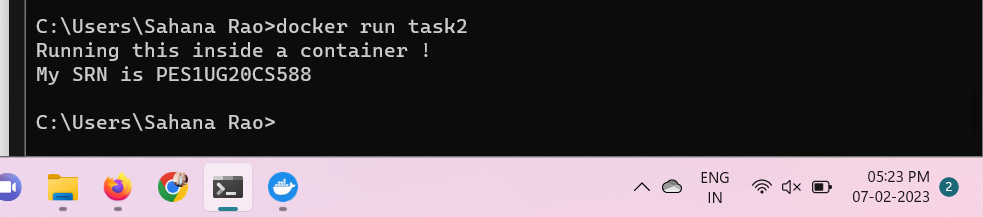
Experiment 2 - Docker on Linux/Windows/Mac OS

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| --- | --- | --- |
| NAME: SAHANA RAO | SRN: PES1UG20CS588 | SECTION: J |

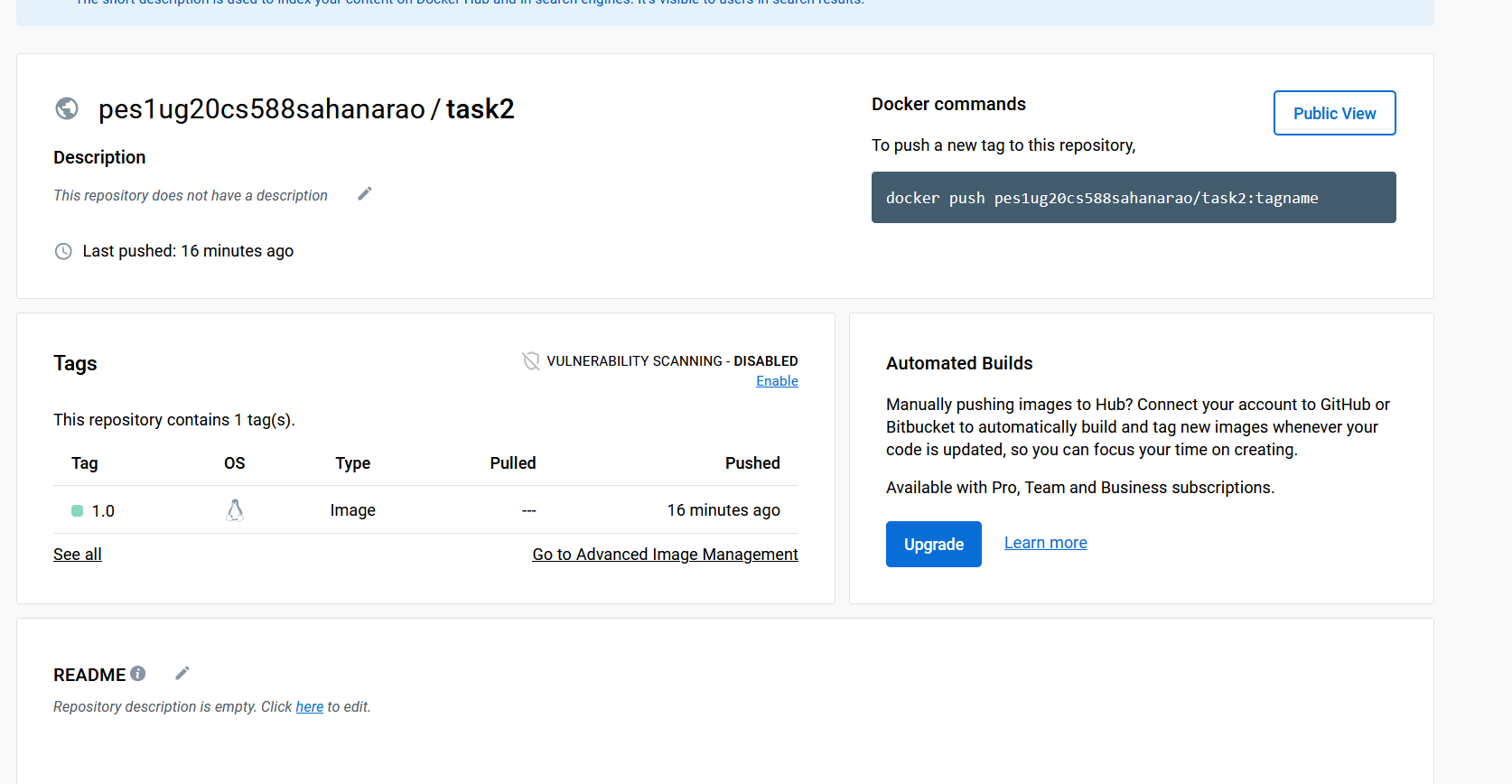
● 1a.jpg: Screenshot of running docker hello-world.



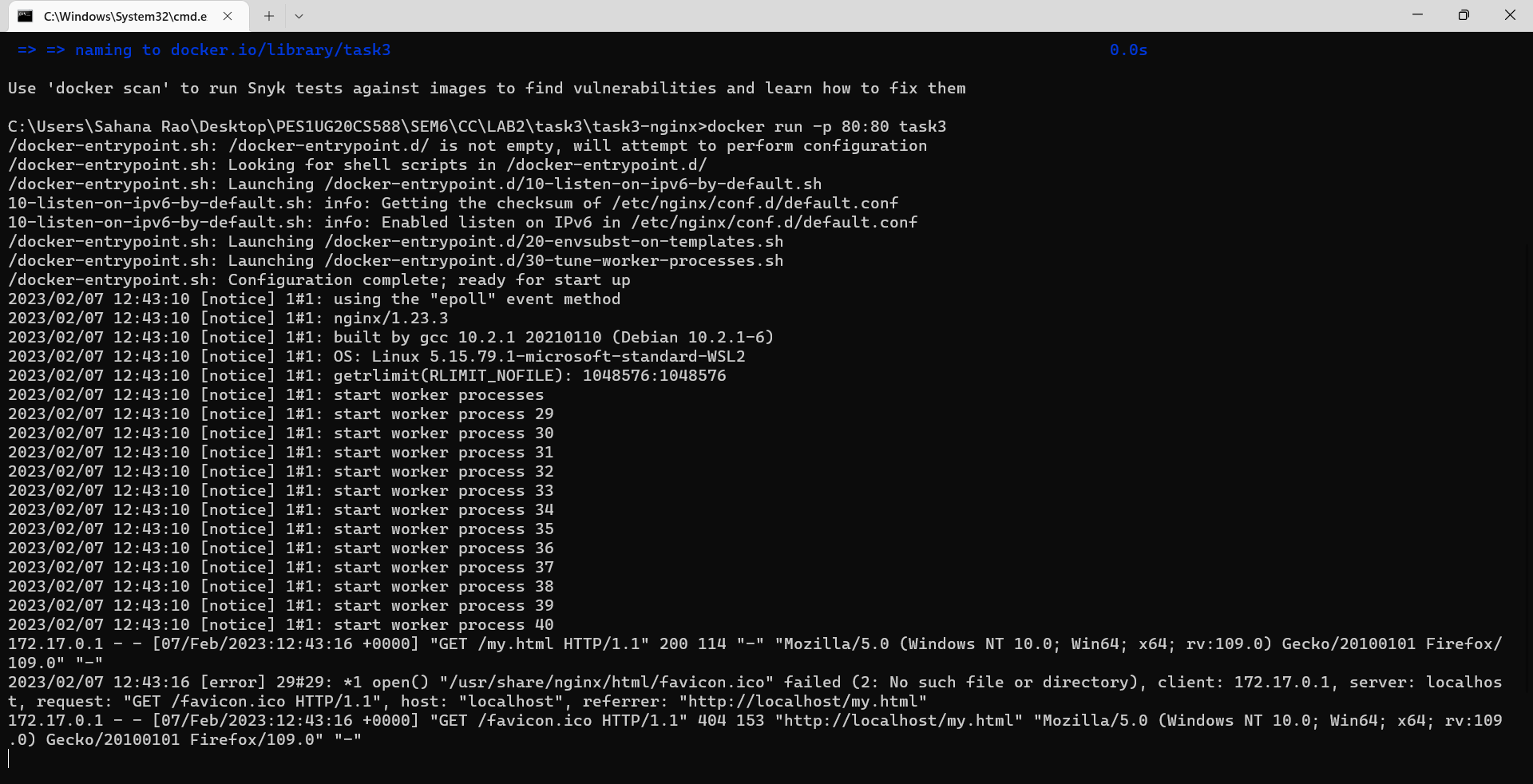
● 2a.jpg: Screenshot of C Program successfully run inside the container.



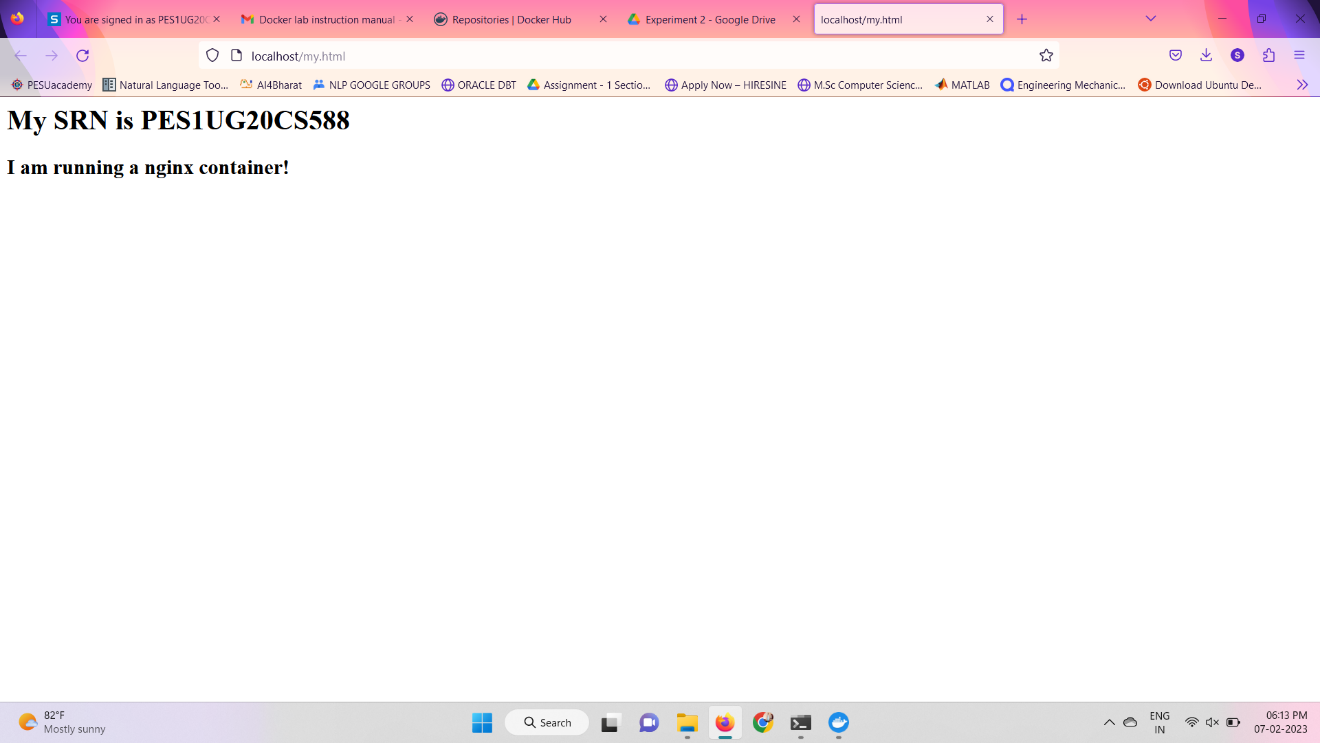
● 2b.jpg: Screenshot of the image pushed to Dockerhub.



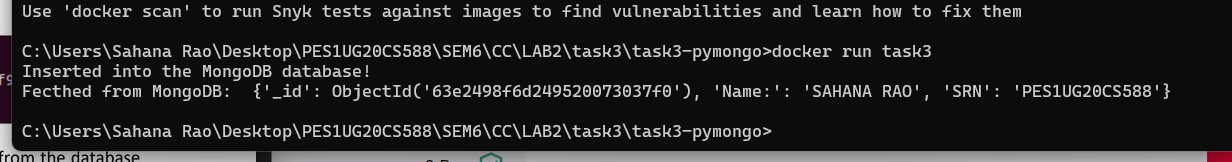
● 3a.jpg: Screenshot of docker container running nginx



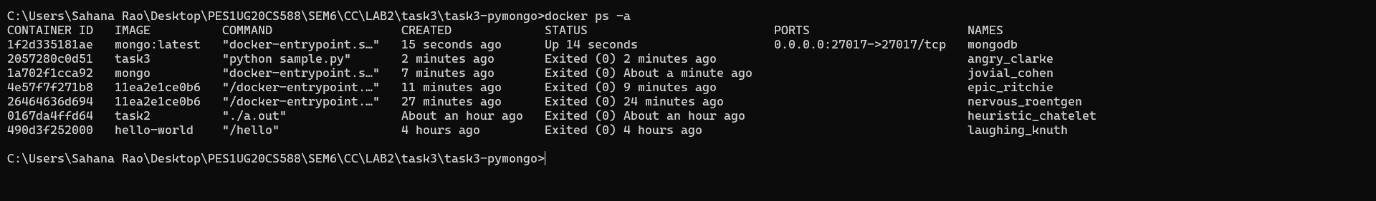
● 3b.jpg: Sample.html showing the web page on the browser.



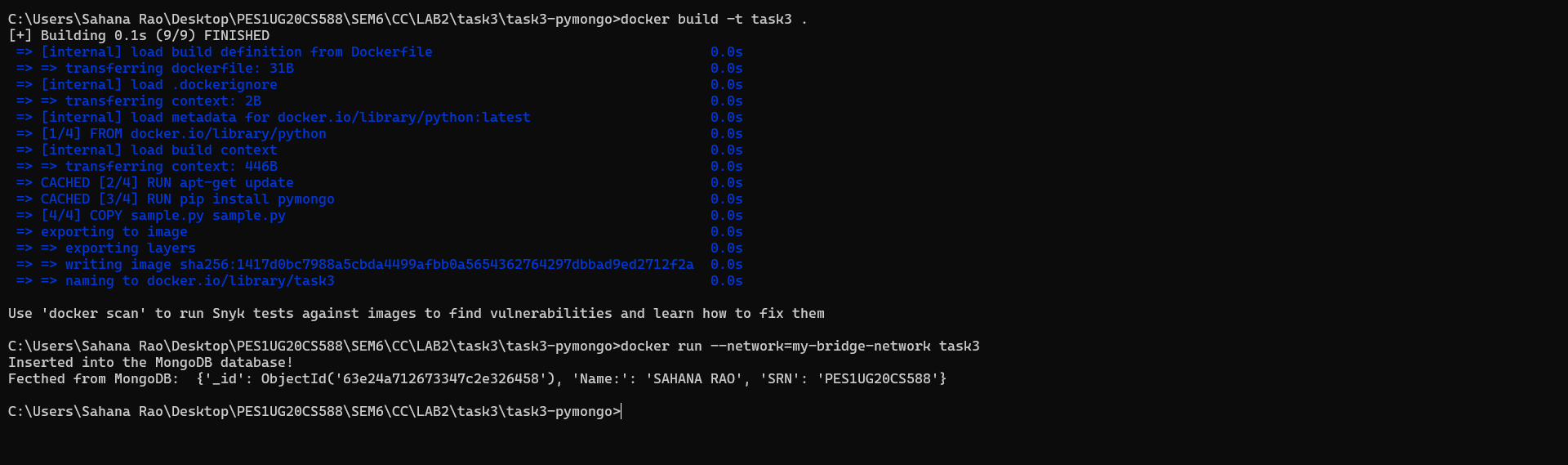
● 3c.jpg: Screenshot of python application successfully writing and reading from the MongoDB database



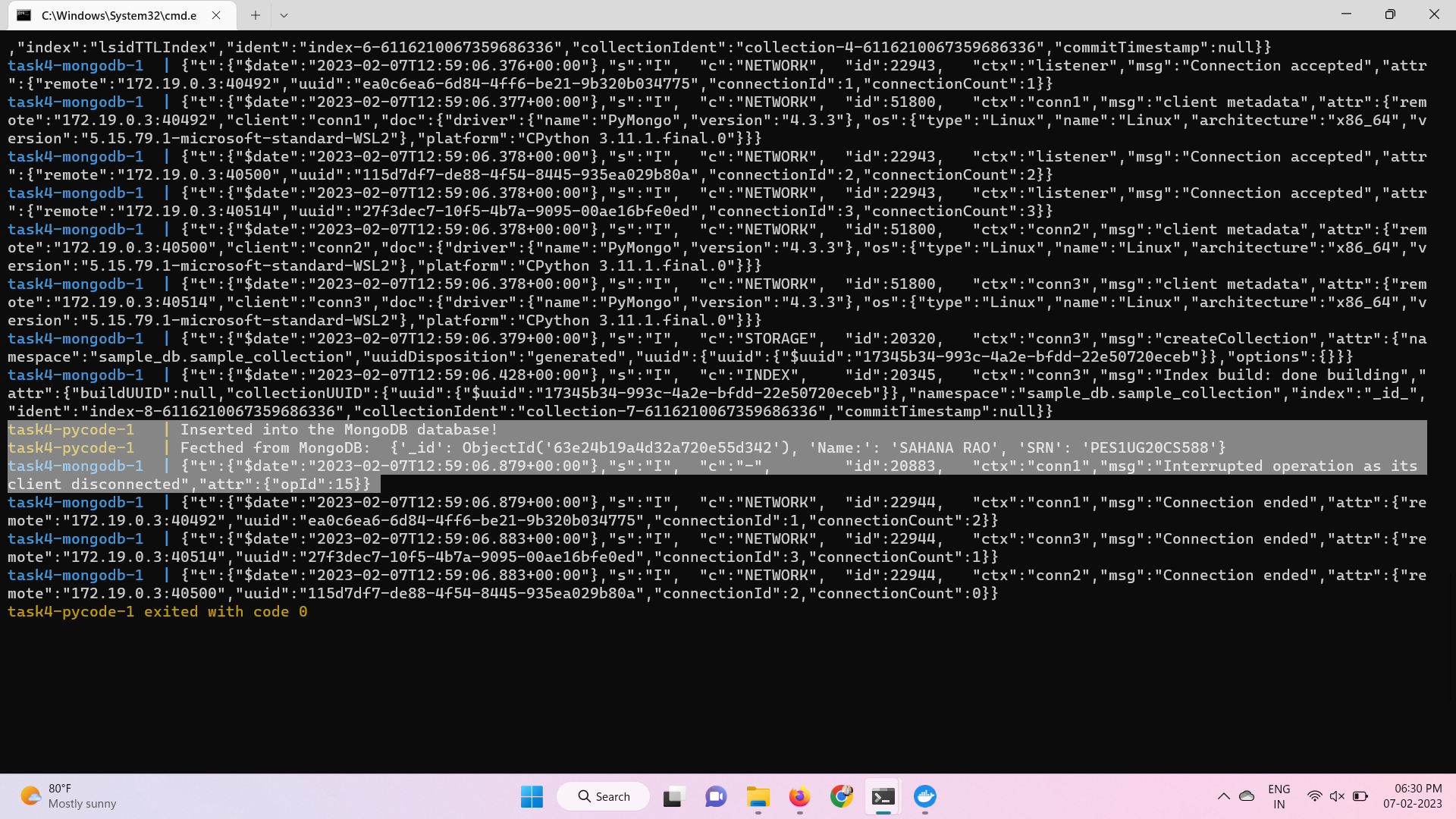
● 3d.jpg: Screenshot showing mongodb being run within the network



● 3e.jpg: Screenshot showing python file being run within the network and successfully writing and reading from MongoDB



● 4a.jpg: Screenshot of python-mongodb application running as a docker-compose application



● 4b.jpg: Screenshot of 3 python application writes and reads from MongoDB after scaling the python application.