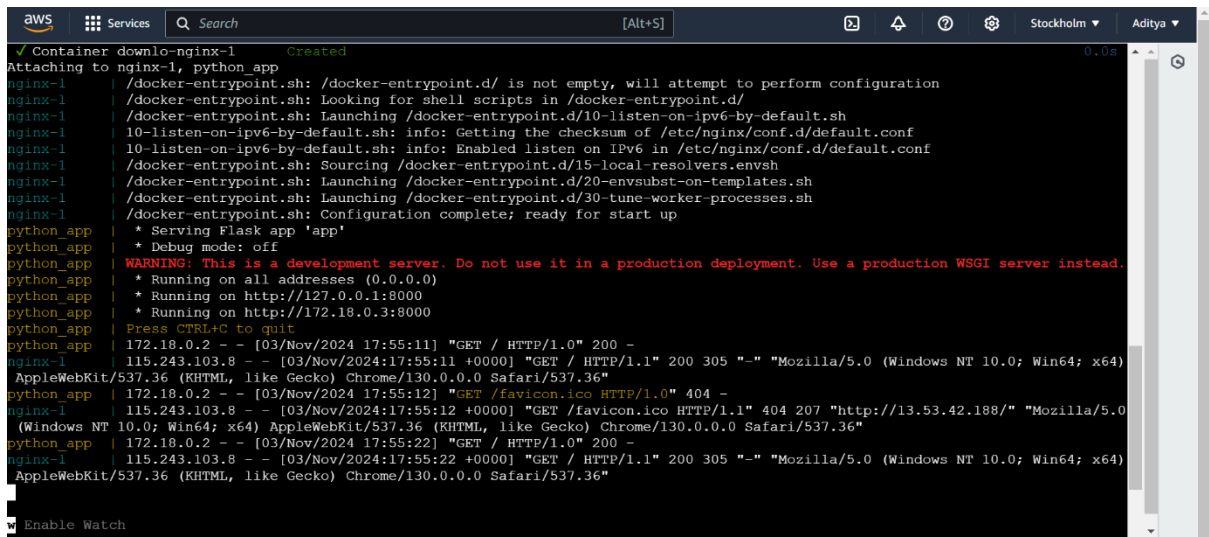
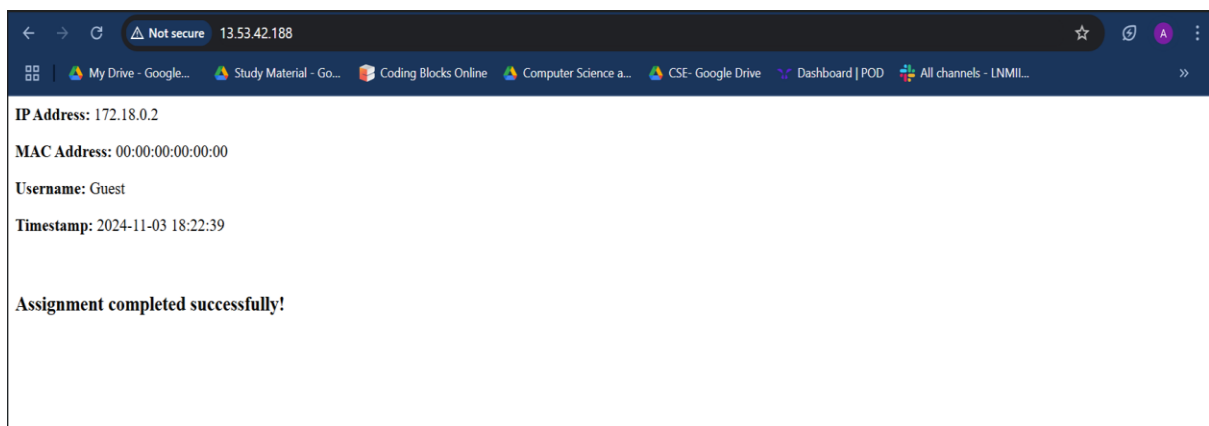


Qoala Assignment Report

1. AWS Instance Link: <http://13.53.42.188/>
2. Screenshots:



3. Identified Issues and Resolution Steps:

- Several typographical errors were found and corrected during the setup of application. In the Nginx Dockerfile 'FROM nginx:latests' was changed to 'FROM nginx:latest', 'COPY nginx.conf /etc/nginx/nginx.conf' was changed to 'COPY nginx.conf /etc/nginx/nginx.conf', EXPOSE "eighty" to EXPOSE 80, and CMD ["nginx", "-g", "daemon off;"] was updated to CMD ["nginx", "-g", "daemon off;"]. Worker_process was corrected to worker_processes, worker_connection was corrected to worker_connections, include directive was changed from include /etc/nginx/mime.type to include /etc/nginx/mime.types, and default_typ was corrected to default_type in the Nginx configuration file. In the Python Dockerfile, I corrected WORKDIR /app in to WORKDIR /app, corrected COPY app.py /app to COPY app.py /app, replaced RUN pip install flask netiface with RUN pip install flask netifaces, EXPOSE "eight thousand" to EXPOSE 8000, and adjusted CMD ["pythn", "app.py"] to CMD ["python", "app.py"].

4. Summary:

- The assignment was on the Docker container configuration for Nginx and Python applications with several typographical errors noted in configuration files and Dockerfiles. The major corrections included updating base images, syntax of commands, and port definitions. With such correction, the applications were well run and effectively worked inside a containerized environment; hence, their functionality improved and performance enhanced.