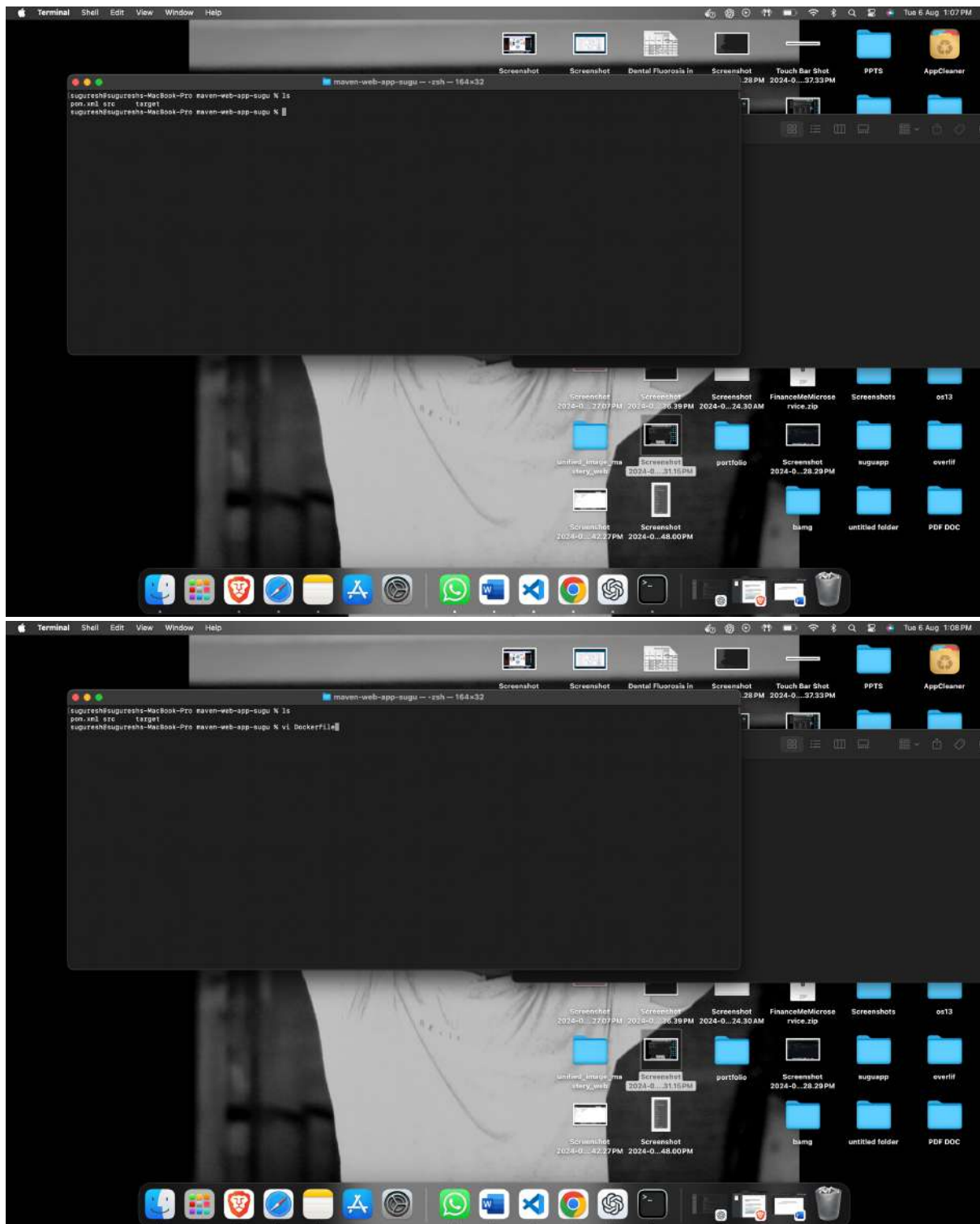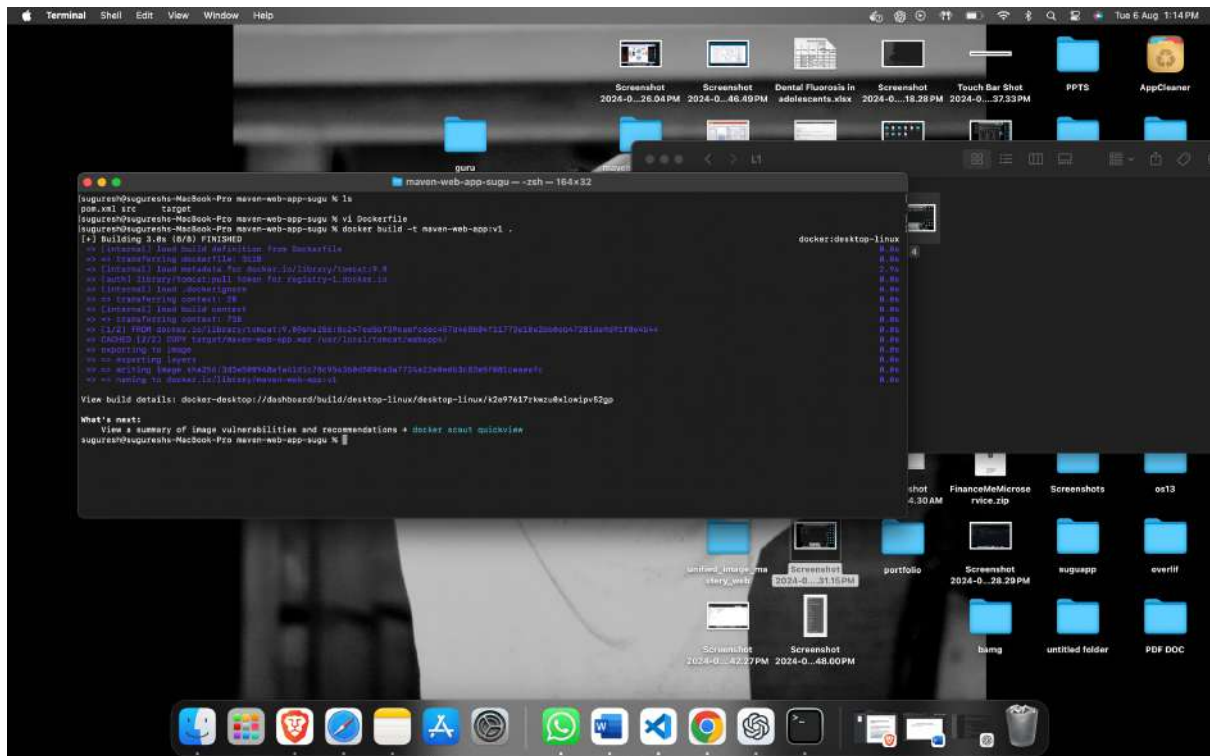# Assignments Containerization, Docker, and Docker Hub
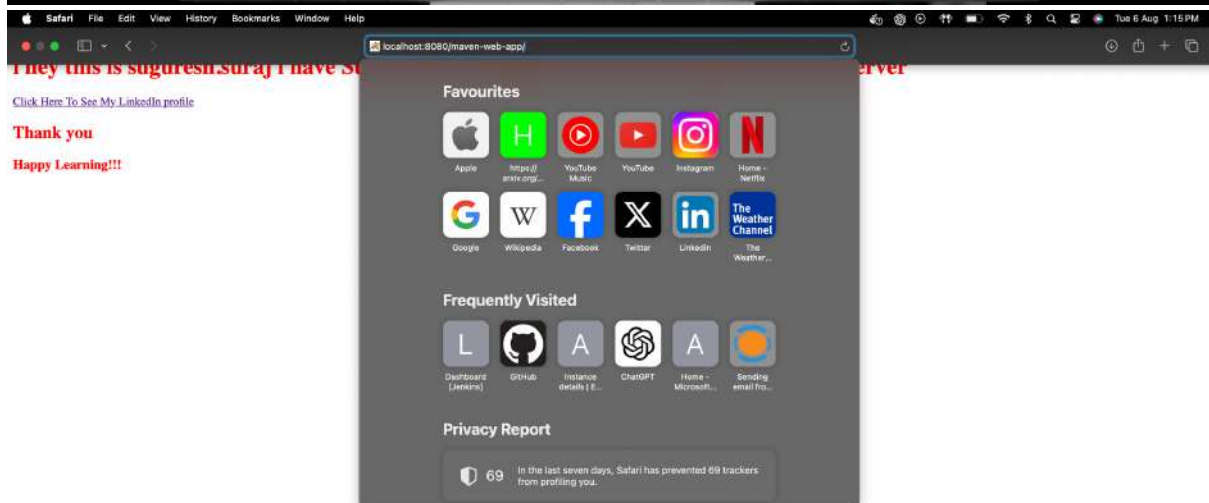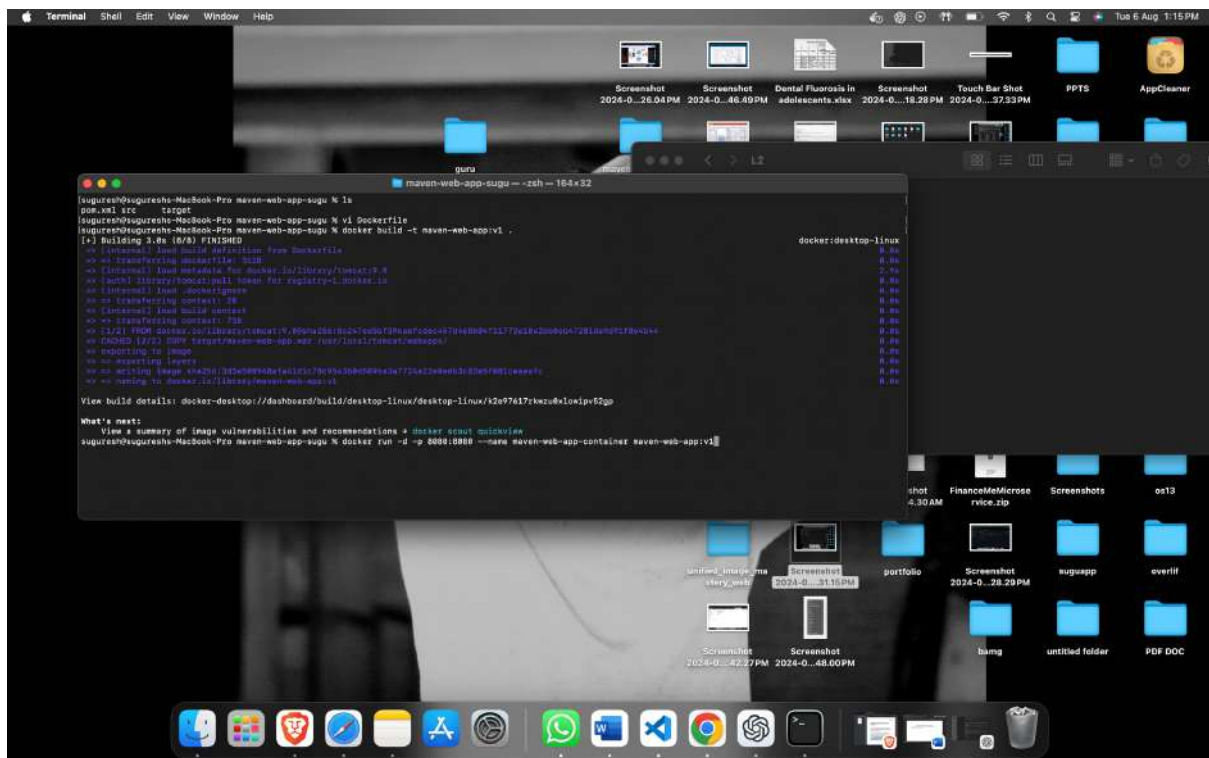
L1 - Create Docker file and build the docker container Application Image for the application build in Jenkins Module

maven-web-app-sugu — vi Dockerfile — 164×32

```
# Use an official Tomcat runtime as a parent image
FROM tomcat:9.0

# Copy the WAR file to the webapps directory of Tomcat
COPY target/maven-web-app.war /usr/local/tomcat/webapps/

# Expose port 8080
EXPOSE 8080

# Default command to run Tomcat
CMD ["catalina.sh", "run"]
```

---

maven-web-app-sugu — -zsh — 164×32

```
[suguresh@sugureshs-MacBook-Pro maven-web-app-sugu % ls
pom.xml  src     target
[suguresh@sugureshs-MacBook-Pro maven-web-app-sugu % vi Dockerfile
suguresh@sugureshs-MacBook-Pro maven-web-app-sugu % docker build -t maven-web-app:v1
```

L2 - Create the Container using the same Application Image and run the application in a Web Browser using container port mapping
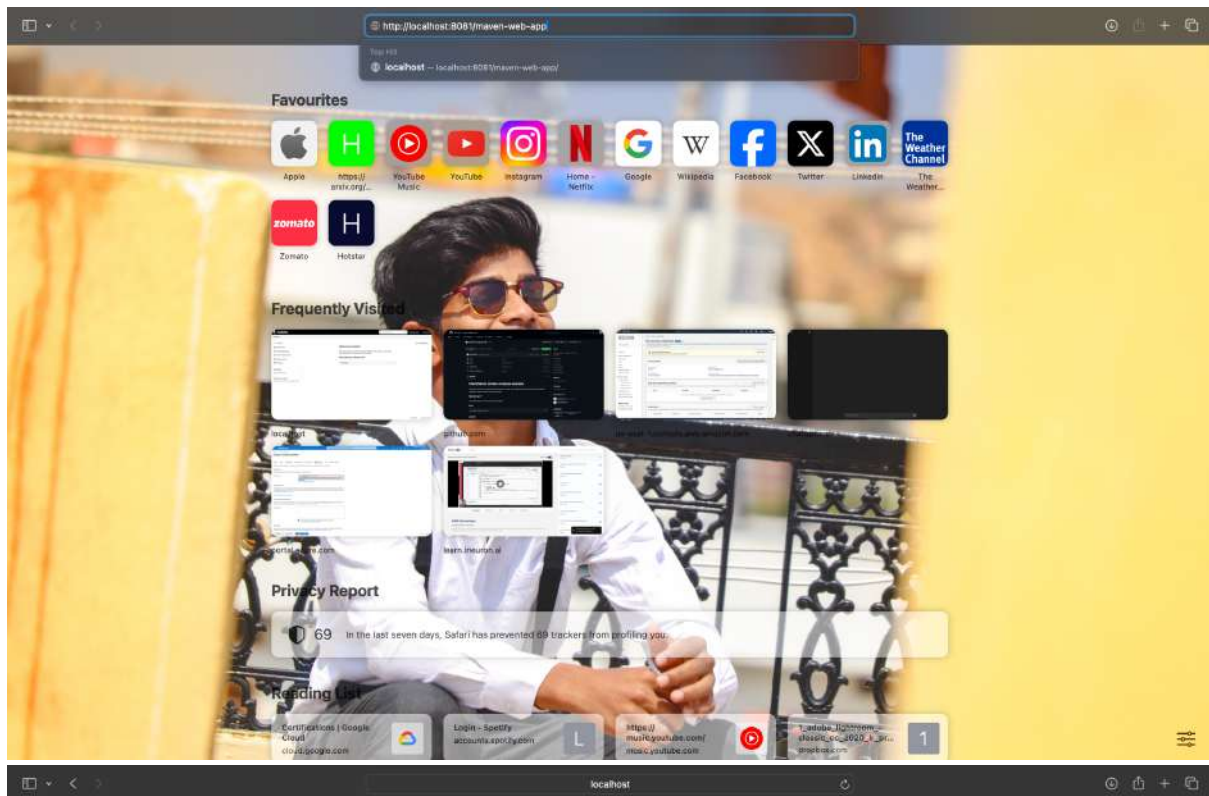
i hey this is suguresh.suraj i have Successfully Deplopyed maven-web-app in Tomcat Server

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Thank you

Happy Learning!!!

L3 - Demonstrate Docker Compose using the Application Image and MySQL Image to start and stop all container services

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