

Docker task :

1. Image Should have proper name and tag
2. Application should be running on port 5000
3. Logs folders should be mounted on the local disk - that means if someone restarts the container logs folder's data should be persisted.
4. Application should run in "Production Mode" not in "Local Mode"
5. Create a docker image and run it in your local environment

Solutions :

Dockerfile

```
#Base image as alpine
FROM alpine:latest

#Install nodejs and npm
RUN apk add --no-cache nodejs npm

#Working directory is /app
WORKDIR /app

#Copy all code to /app folder
COPY . /app

#Install dependency
RUN npm install

#Expose port
EXPOSE 5000

#env variable
ENV ENV_NODE=production

WORKDIR /app
```

```
ENTRYPOINT ["node"]  
CMD ["server.js"]
```

Build image :

docker build -t customnode:latest .

Run container from custom images :

**# docker run -it -p 5000:5000 -v ~/Desktop/data:/app/logs --name container1
customimage**