## Dockerize

1.Create a Dockerfile

```
X File Edit Selection View Go Run

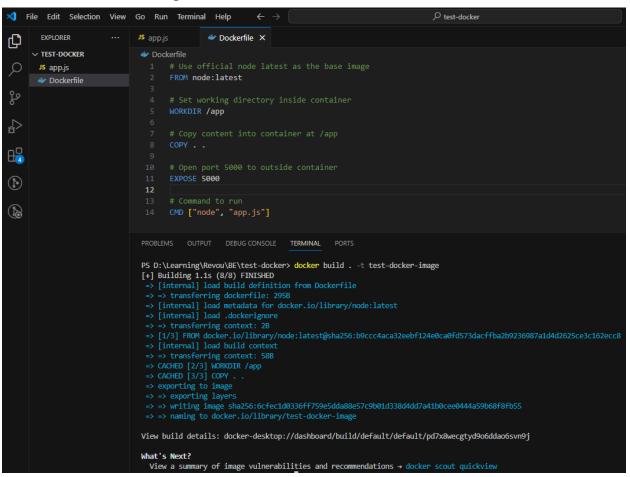
∠ test-docker

凸
       EXPLORER
                             JS app.js

√ TEST-DOCKER

                              JS app.js > [●] server > 分 http.createServer() callback
                                    const http = require('http');
      JS app.js
      Dockerfile
                                    const hostname = '0.0.0.0';
وړ
                                    const port = 3001;
                                    const server = http.createServer((req, res) => {
                                     res.statusCode = 200;
                                      res.setHeader('Content-Type', 'text/plain');
                                      res.end('Hello World');
                                    });
(1)
                                    server.listen(port, hostname, () => {
                                     console.log(`Server running at http://${hostname}:${port}/`);
(b)
                             Dockerfile ×
                              Dockerfile
                                    FROM node:latest
                                    # Set working directory inside container
                                    WORKDIR /app
                                    EXPOSE 5000
                                    CMD ["node", "app.js"]
```

2.Create a docker image using "docker build . -t
 test-docker-image"



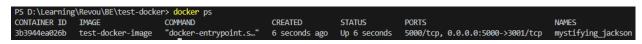
3. Confirm if the image was created successfully using "docker images"

```
PS D:\Learning\Revou\BE\test-docker> docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
test-docker-image latest 6cfec1d0336f 3 minutes ago 1.1GB
```

4. Create and run a docker container using "docker run -d -p 5000:3001 test-docker-image". Need to specify the port to be same with the EXPOSE in Dockerfile

PS D:\Learning\Revou\BE\test-docker> docker run -d -p 5000:3001 test-docker-image 3b3944ea026ba0ea196d84fb2622ba98e20a73972c36c9db034a5814c772bfbc

5. Confirm if the container was created successfully using "docker ps"



6.App is working

