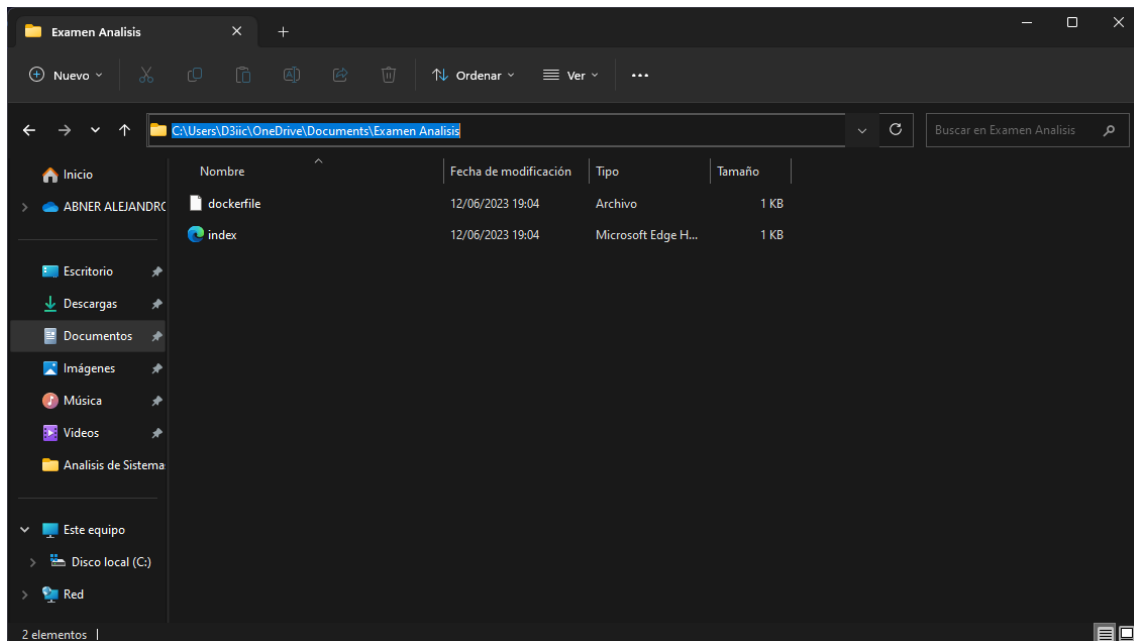
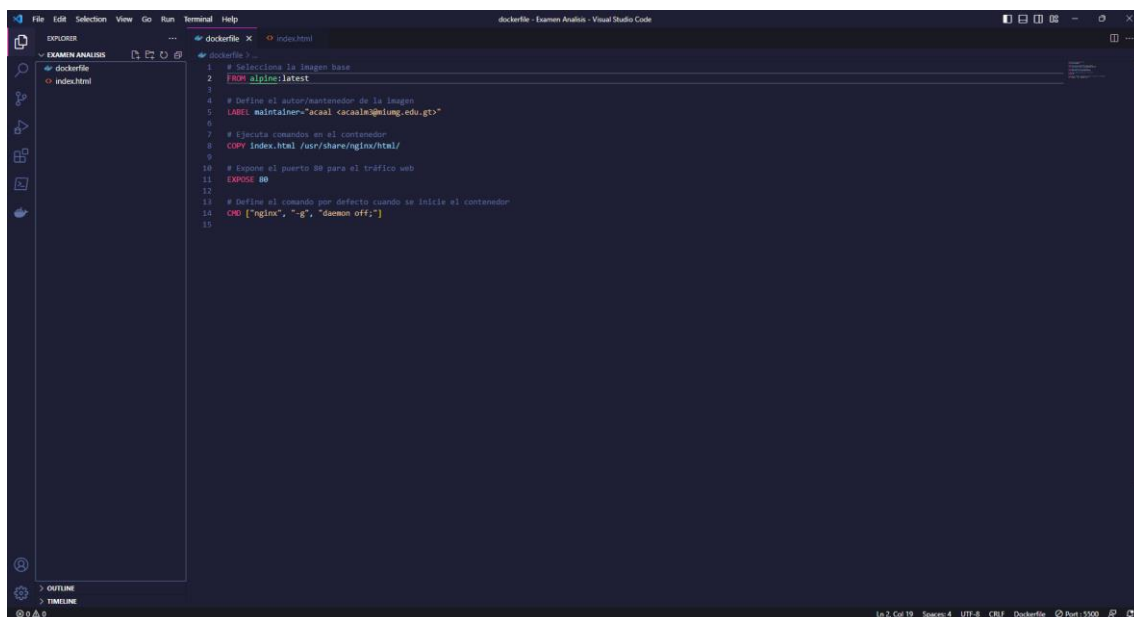


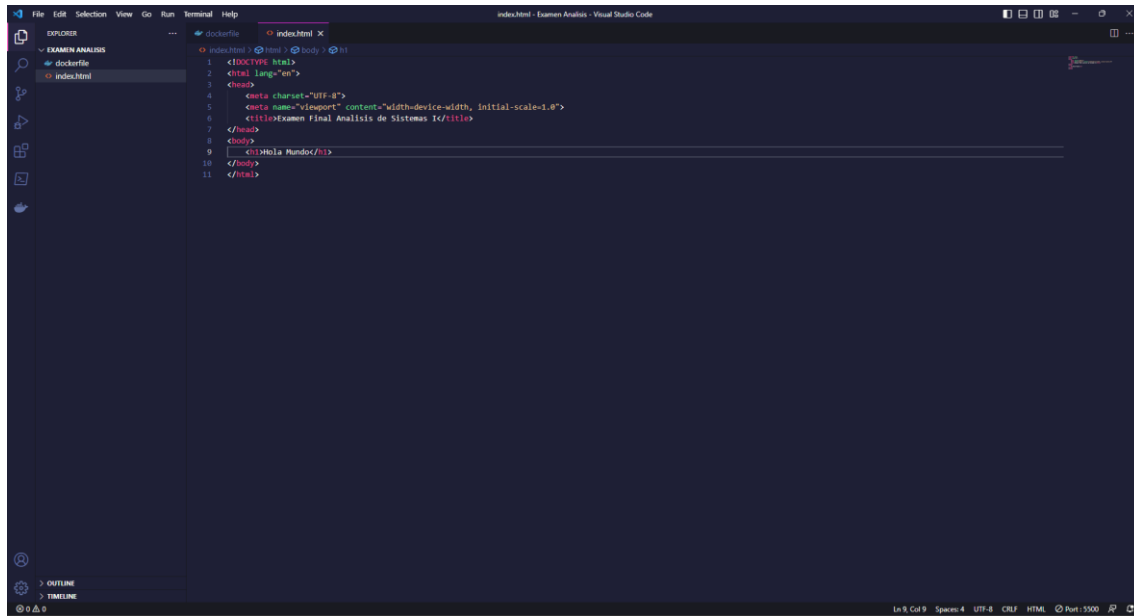
1. Creamos nuestra carpeta con el archivo dockerfile



2. Creamos en visual code el archivo Docker y agregamos las instrucciones solicitadas

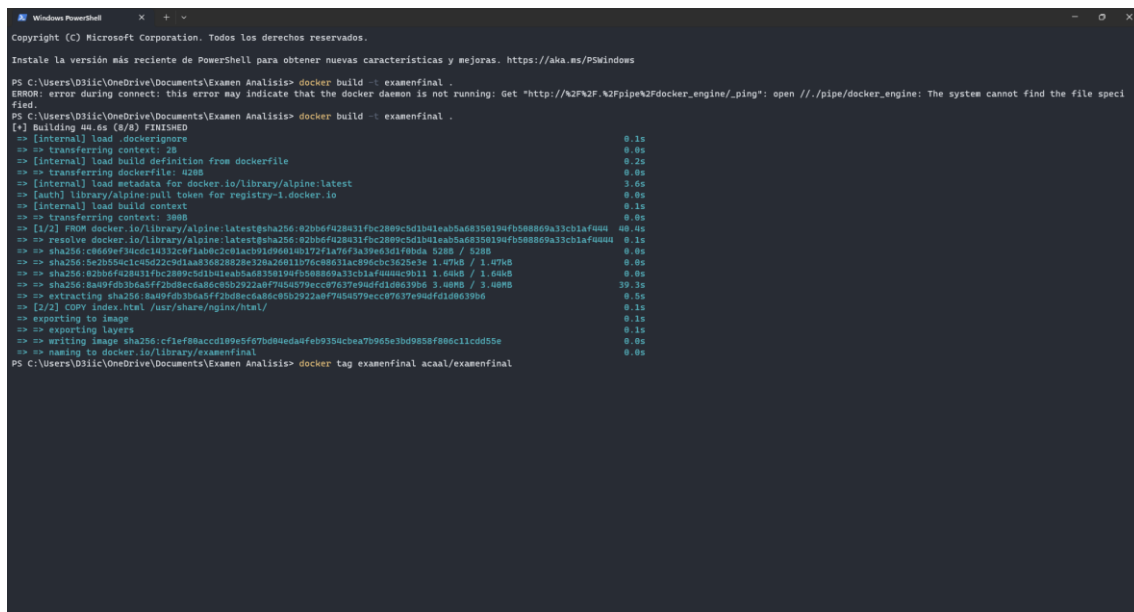


3. Creamos el archivo index.html con un texto de “Hola Mundo”



```
1 <!DOCTYPE html>
2 <html lang="es">
3 <head>
4   <meta charset="utf-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Examen Final Analisis de Sistemas I</title>
7 </head>
8 <body>
9   <h1>Hola Mundo</h1>
10 </body>
11 </html>
```

4. Procedemos a contenerizar nuestro index.html



```
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Instale la versión más reciente de PowerShell para obtener nuevas características y mejoras. https://aka.ms/PSWindows

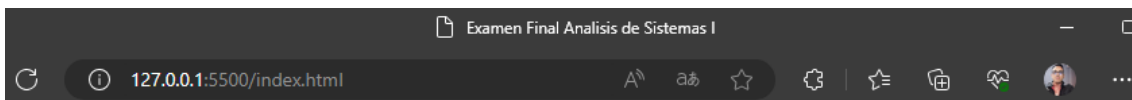
PS C:\Users\DJ3ic\OneDrive\Documents\Examen Analisis> docker build -t examenfinal .
ERROR: error during connect: this error may indicate that the docker daemon is not running: Get "http://%2F%2F.%2Fpipe%2Fdocker_engine/_ping": open //./pipe/docker_engine: The system cannot find the file speci
fied.
PS C:\Users\DJ3ic\OneDrive\Documents\Examen Analisis> docker build -t examenfinal .
[+] Building 44.6s (8/8) FINISHED
=> [internal] load dockerignore
=> transferring context: 2B
=> [internal] load build definition from dockerfile
=> transferring dockerfile: 42kB
=> [internal] load metadata for docker.io/library/alpine:latest
[auth] library/alpine:pull token for registry-1.docker.io
=> [internal] load build context
=> transferring context: 30kB
[1/2] FROM docker.io/library/alpine:latest@sha256:82bb6f428431fbc2889c5d1b41eab5a6835819afb588869a33c1af4uuu 40.4s
=> resolve docker.io/library/alpine:latest@sha256:82bb6f428431fbc2889c5d1b41eab5a6835819afb588869a33c1af4uuu 0.1s
=> sha256:c8699f3f3d0c14332e9f1ab0c2c81ac091d96614b172f1a76f3a3e63d1f40da 52kB / 52kB
=> sha256:5e2b56c1c45d22c9d1aa83682828e326a2d611b76c86631ac896c3625e3e 1.47kB / 1.47kB
=> sha256:82bb6f428431fbc2889c5d1b41eab5a6835819afb588869a33c1af4uuu9b11 1.6kB / 1.6kB
=> sha256:8a09f0b36da5ff7d0d8ca86c8b2922a0f745d079ecc97637e9ndfd1d86396b 3.48MB / 3.48MB
=> extracting sha256:8a09f0b36da5ff7d0d8ca86c8b2922a0f745d079ecc97637e9ndfd1d86396b 0.1s
[2/2] COPY index.html /usr/share/nginx/html/
=> exporting to image
=> exporting layers
=> writing image sha256:c1ef80acc109e5f67b0d4eda4feb9354cea7b965e3bd9858f86c11cdd55e
=> naming to docker.io/library/examenfinal
PS C:\Users\DJ3ic\OneDrive\Documents\Examen Analisis> docker tag examenfinal acaal/examenfinal
```

5. Procedemos a subir nuestra imagen a nuestro Docker hub y pushamos nuestra imagen

```
Windows PowerShell
PS C:\Users\DJ3ic\OneDrive\Documents\Examen Analisis> docker tag examenfinal acaal/examenfinal
PS C:\Users\DJ3ic\OneDrive\Documents\Examen Analisis> docker push acaal/examenfinal
Using default tag: latest
The push refers to repository [docker.io/acaal/examenfinal]
6171fc6509f7: Pushed
b501b07e32b5: Mounted from ambassador/telepresence-docker-runtime
latest: digest: sha256:0f4daaab1a0b02ad6d185707a9dcaad69a3dcdf327dc6b54a828da2c8e7 size: 735
PS C:\Users\DJ3ic\OneDrive\Documents\Examen Analisis>
```

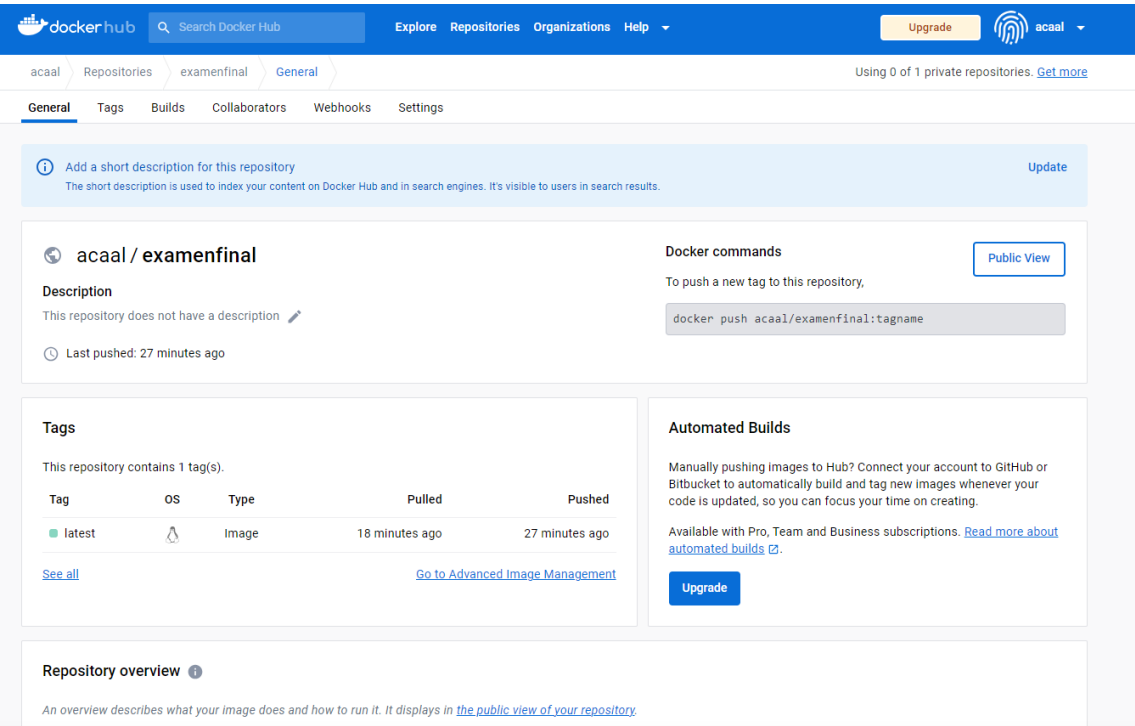
6. Procedemos a subir y a escuchar nuestra pagina en los puertos 8080 al 8085, pero al momento de escuchar el index.html me genero errores

```
Windows PowerShell
PS C:\Users\DJ3ic\OneDrive\Documents\Examen Analisis> docker run -d -p 8080:80 acaal/examenfinal
00135525b0f7ac0ae09130f52389d080caaac0fdeff9ad8arf6d6d010e1fc7a
docker: Error response from daemon: failed to create shim task: OCI runtime create failed: runc create failed: unable to start container process: exec: "nginx": executable
file not found in $PATH: unknown.
PS C:\Users\DJ3ic\OneDrive\Documents\Examen Analisis>
```



Hola Mundo

Repositorio en Docker Hub fue creado



Pero al momento de escuchar en el puerto 8080 me genero error:

