



**National Textile University**  
**Department of Computer Science**

Subject: Operating System

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Submitted to: Nasir Mahmood

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Submitted by: Ayema

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Reg number:23-NTU-CS-1142

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Lab : 12

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Semester:5th

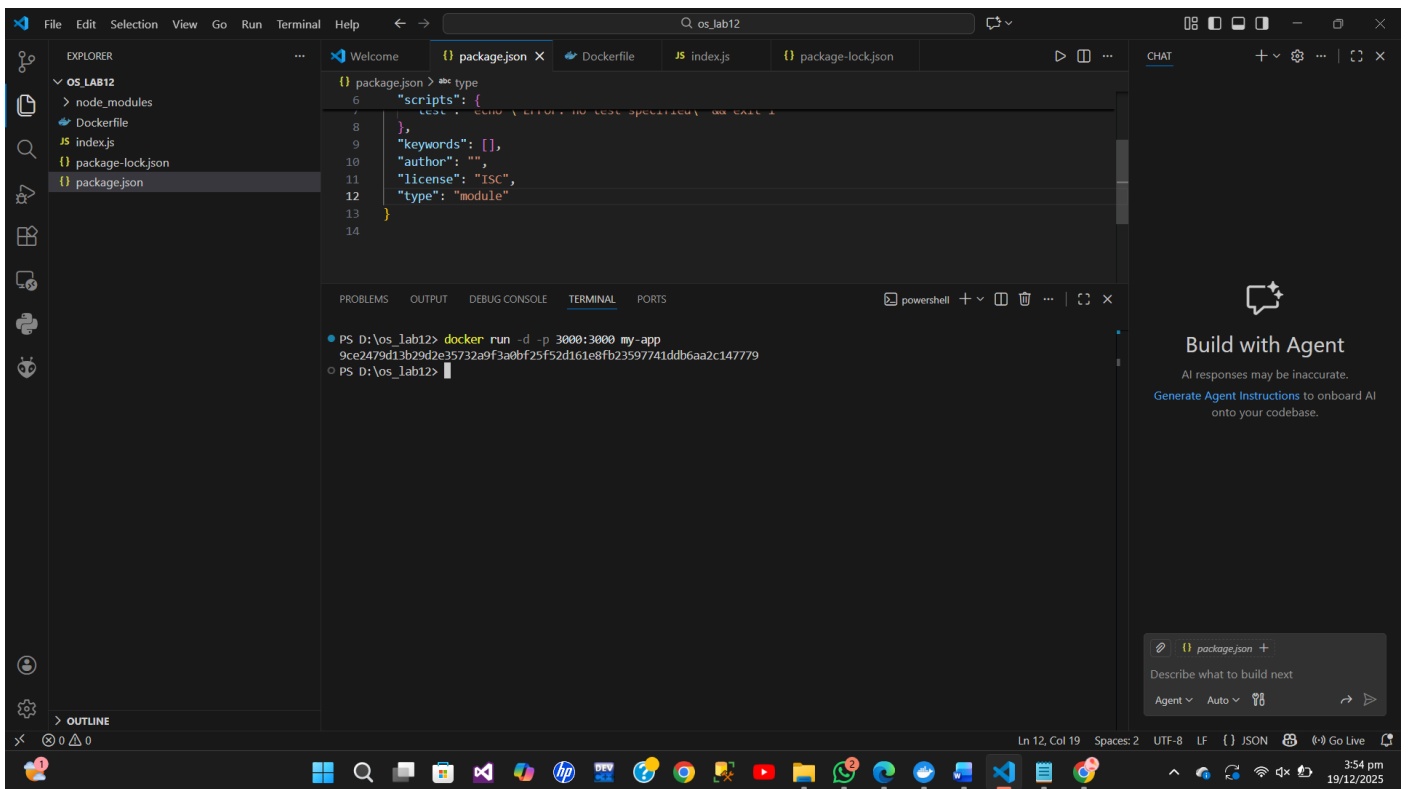
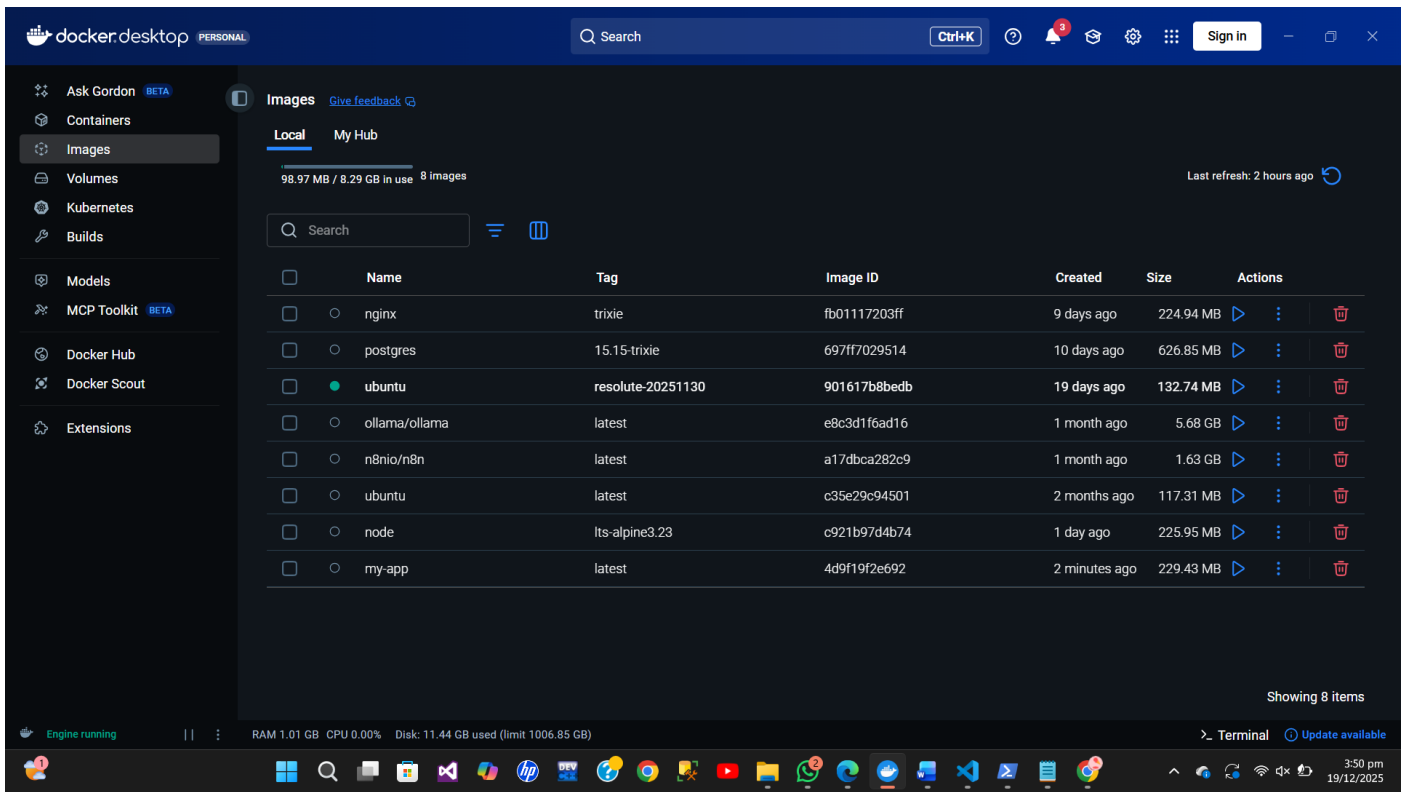
# Lab manual 12

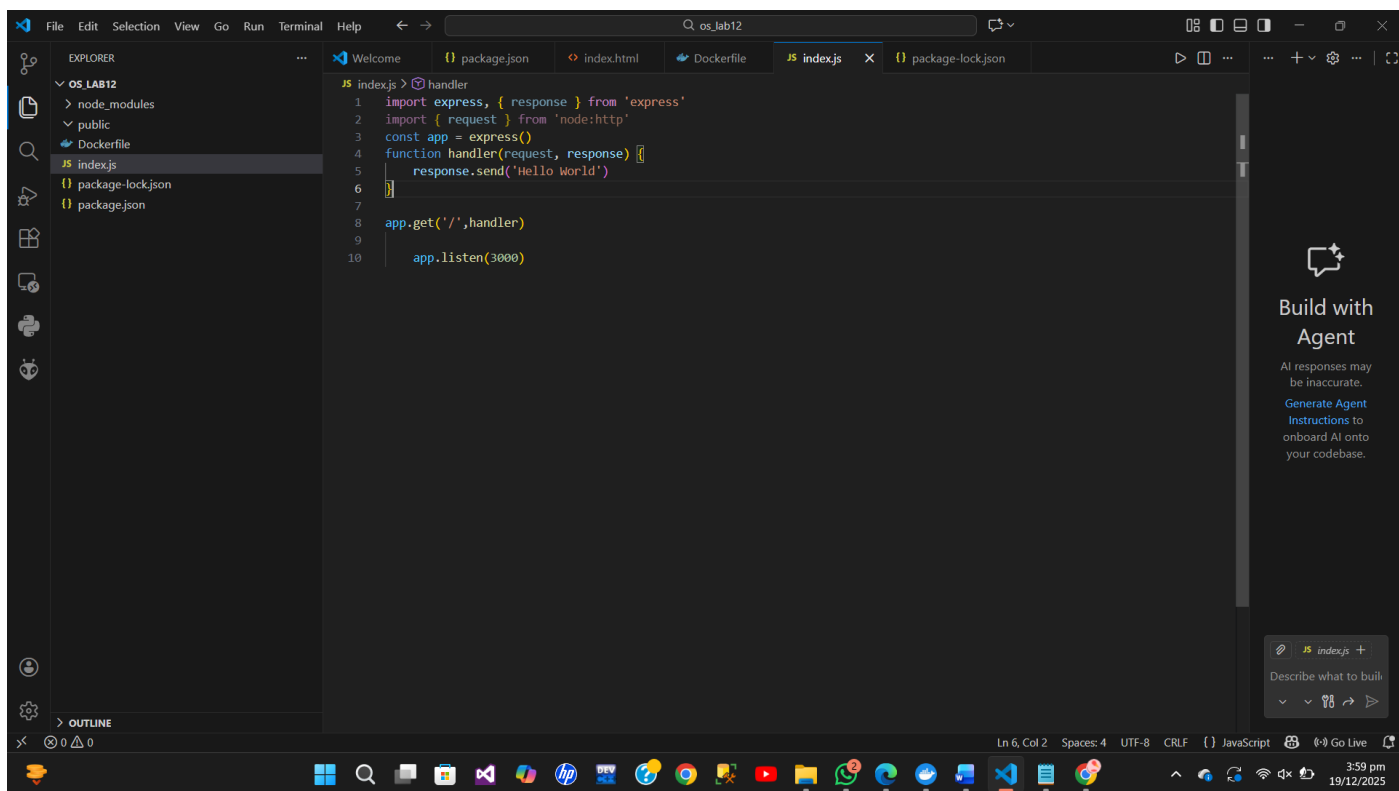
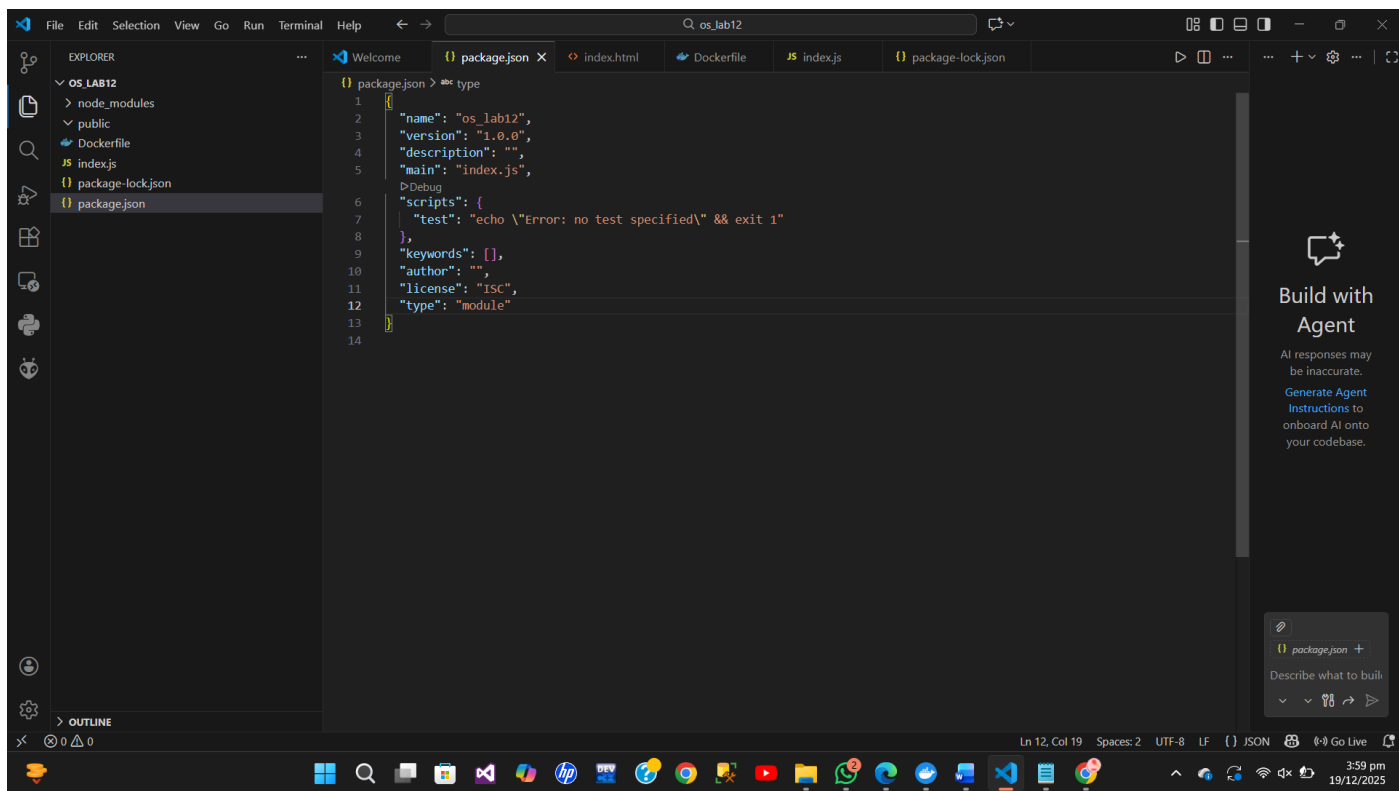
## Task 1:

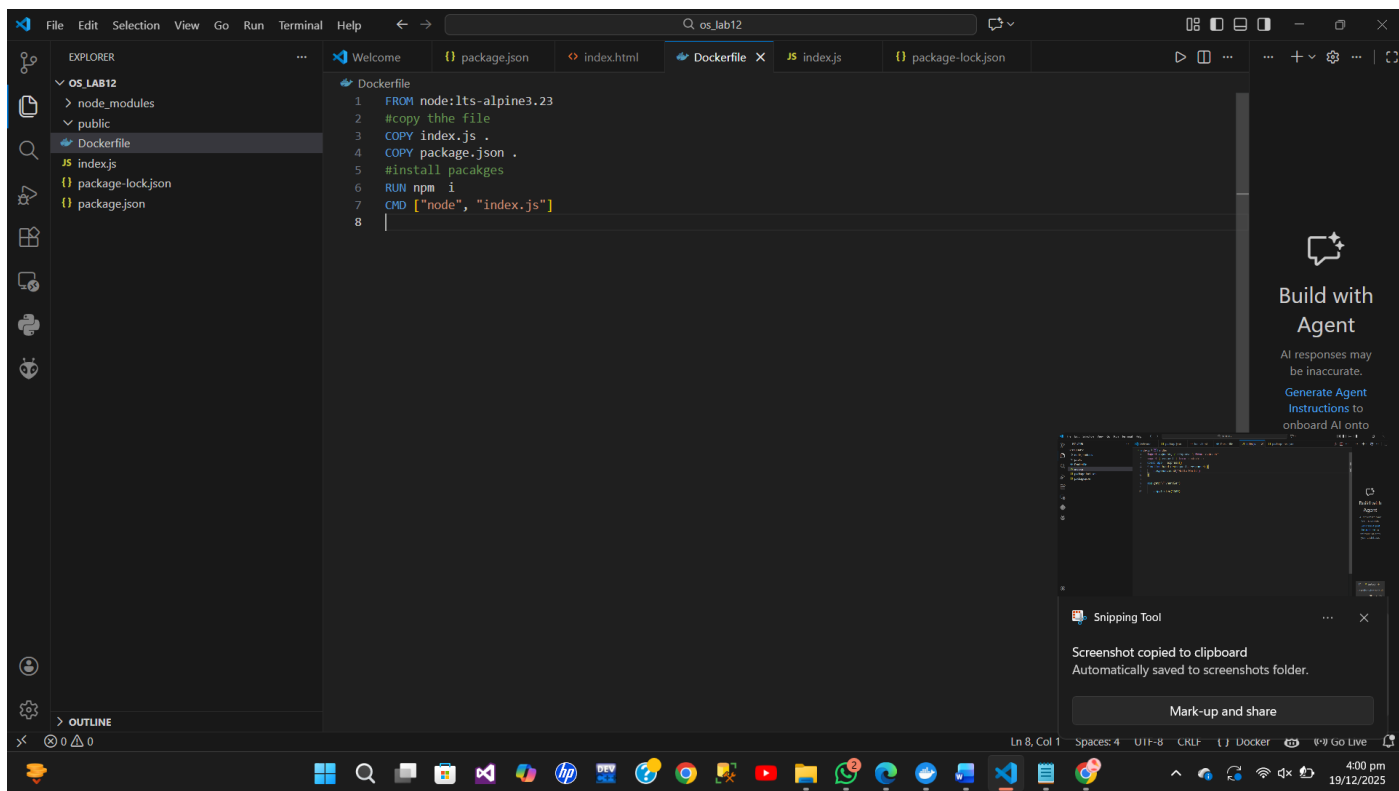
```
root@7a9f31c994e2:/home/ubuntu/my_volume1
node      lts-alpine3.23      c921b97d4b74      33 hours ago      226MB
nginx     trixie               fb01117203ff      9 days ago        225MB
postgres  15.15-trixie         697ff7029514      10 days ago        627MB
ubuntu    resolute-20251130    901617b8bedb      2 weeks ago        133MB
ollama/ollama latest             e8c3d1f6ad16      6 weeks ago        5.68GB
n8nio/n8n latest             a17dbca282c9      6 weeks ago        1.63GB
ubuntu    latest              c35e29c94501      2 months ago       117MB
PS C:\WINDOWS\system32> docker run -it -v my_volume1:/home/ubuntu/my_volume1 --name test-container ubuntu:resolute-20251130 bash
root@7a9f31c994e2:/# cd home/ubuntu/ubuntu/
bash: cd: home/ubuntu/ubuntu/: No such file or directory
root@7a9f31c994e2:/# cd home/ubuntu/
root@7a9f31c994e2:/home/ubuntu# ls
my_volume1
root@7a9f31c994e2:/home/ubuntu# cd my_volume1/
root@7a9f31c994e2:/home/ubuntu/my_volume1# echo "hello world" >File.txt
root@7a9f31c994e2:/home/ubuntu/my_volume1# cat File.txt
hello world
root@7a9f31c994e2:/home/ubuntu/my_volume1#
```

```
Select root@d73c482f204a:/
PS C:\WINDOWS\system32> docker images
REPOSITORY      TAG              IMAGE ID           CREATED            SIZE
node            lts-alpine3.23   c921b97d4b74      33 hours ago      226MB
nginx           trixie           fb01117203ff      9 days ago        225MB
postgres        15.15-trixie     697ff7029514      10 days ago        627MB
ubuntu          resolute-20251130 901617b8bedb      2 weeks ago        133MB
ollama/ollama   latest           e8c3d1f6ad16      6 weeks ago        5.68GB
n8nio/n8n       latest           a17dbca282c9      6 weeks ago        1.63GB
ubuntu          latest           c35e29c94501      2 months ago       117MB
PS C:\WINDOWS\system32> docker run -it -v my_volume1:/home/ubuntu/my_volume1 --name test-container ubuntu:resolute-20251130 bash
root@7a9f31c994e2:/# cd home/ubuntu/ubuntu/
bash: cd: home/ubuntu/ubuntu/: No such file or directory
root@7a9f31c994e2:/# cd home/ubuntu/
root@7a9f31c994e2:/home/ubuntu# ls
my_volume1
root@7a9f31c994e2:/home/ubuntu# cd my_volume1/
root@7a9f31c994e2:/home/ubuntu/my_volume1# echo "hello world" >File.txt
root@7a9f31c994e2:/home/ubuntu/my_volume1# cat File.txt
hello world
root@7a9f31c994e2:/home/ubuntu/my_volume1#
PS C:\WINDOWS\system32> docker run -it -v my_volume1:/home/ubuntu/my_volume1 --name test-container ubuntu:resolute-20251
Unable to find image 'ubuntu:resolute-20251' locally
docker: Error response from daemon: failed to resolve reference "docker.io/library/ubuntu:resolute-20251": docker.io/library/ubuntu:resolute-20251: not found
Run 'docker run --help' for more information
PS C:\WINDOWS\system32> docker run -it --name test-container -v D:\os_lab12 ubuntu:resolute-20251130 bash
root@d73c482f204a:/#
```

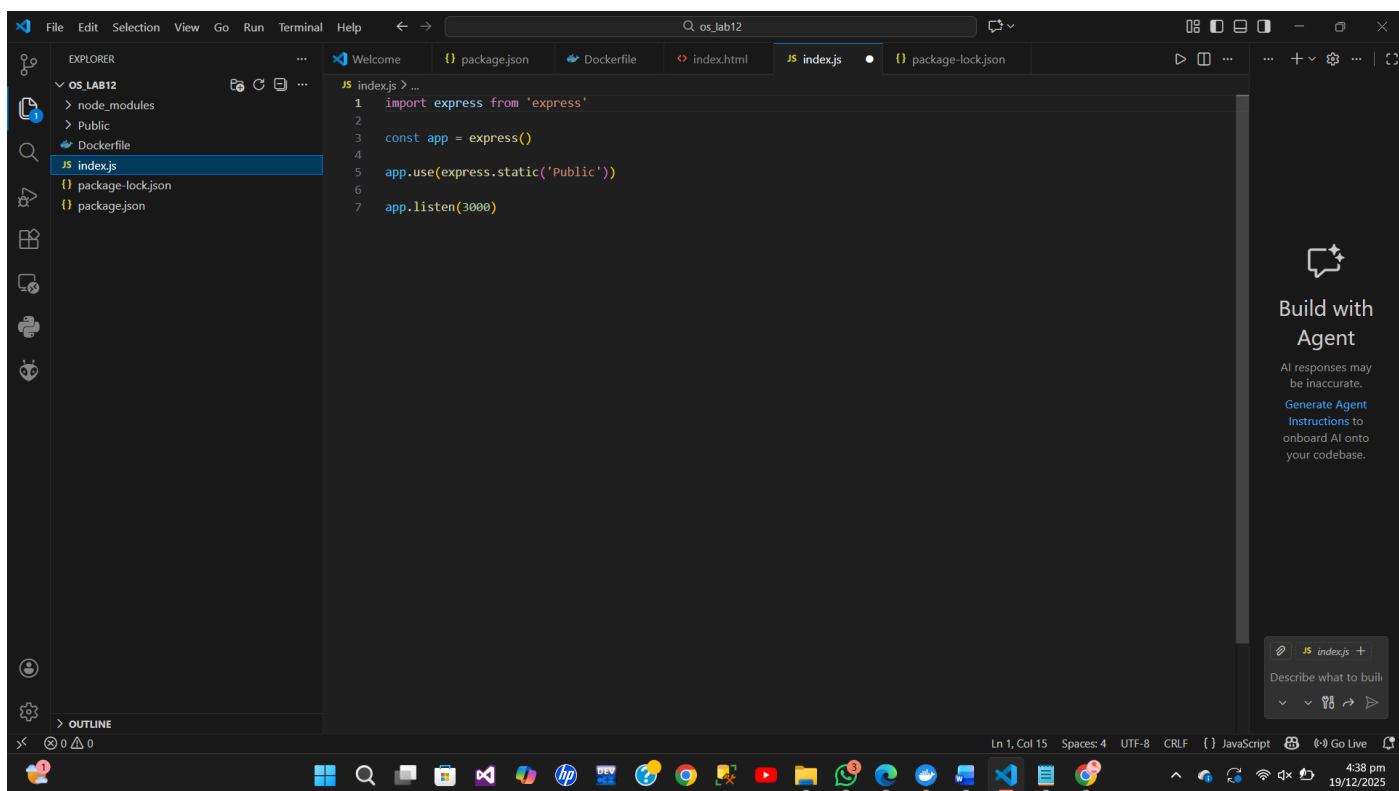


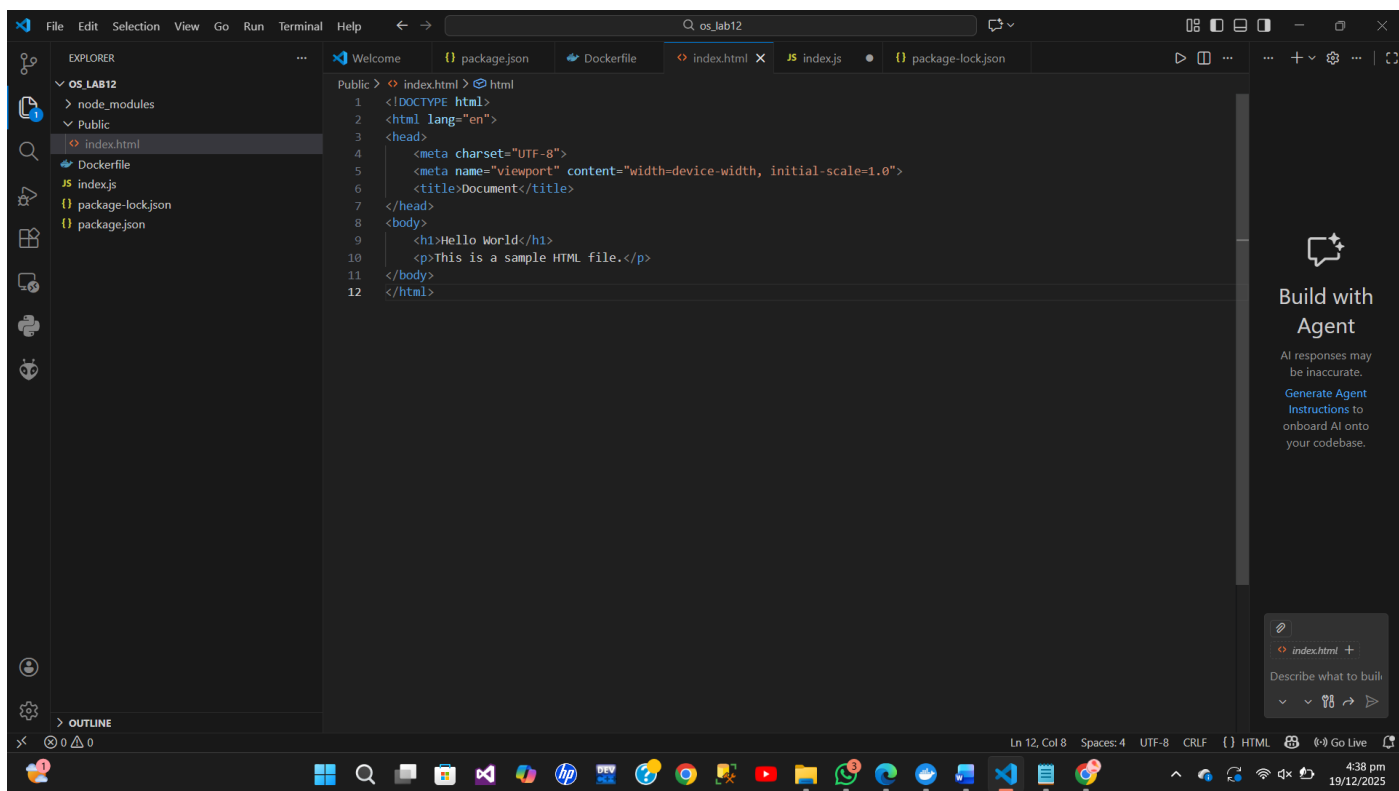
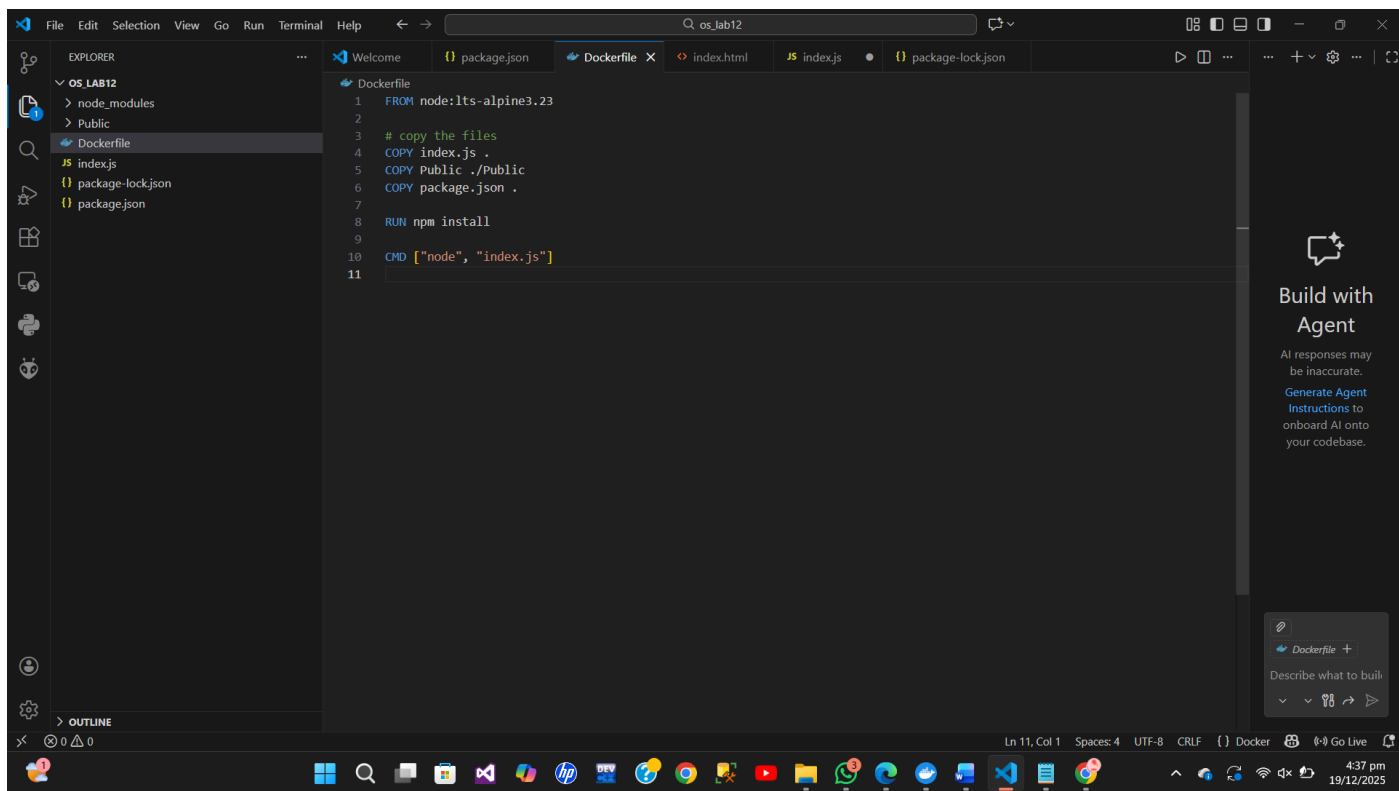


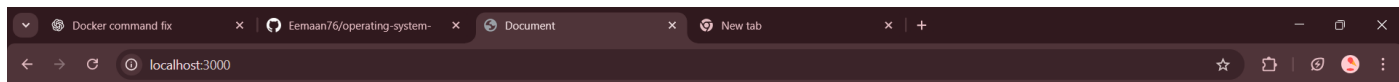




## Task 2:







# Hello World

This is a sample HTML file.

