Name:- Samruddhi

Sali

Class:- TE IT

Div:-2

Roll no:- 13245

Assignment no: – 2(b)

Problem Statement: Create Docker Container Environment (NVIDEIA Docker or any other).
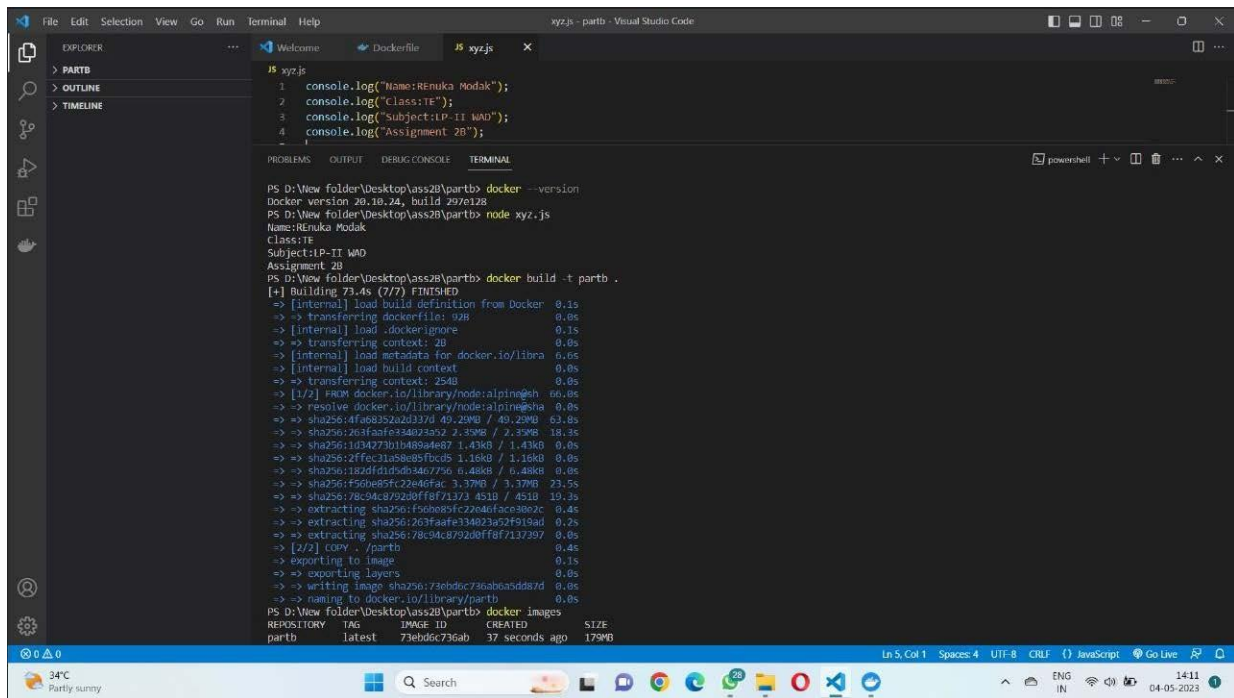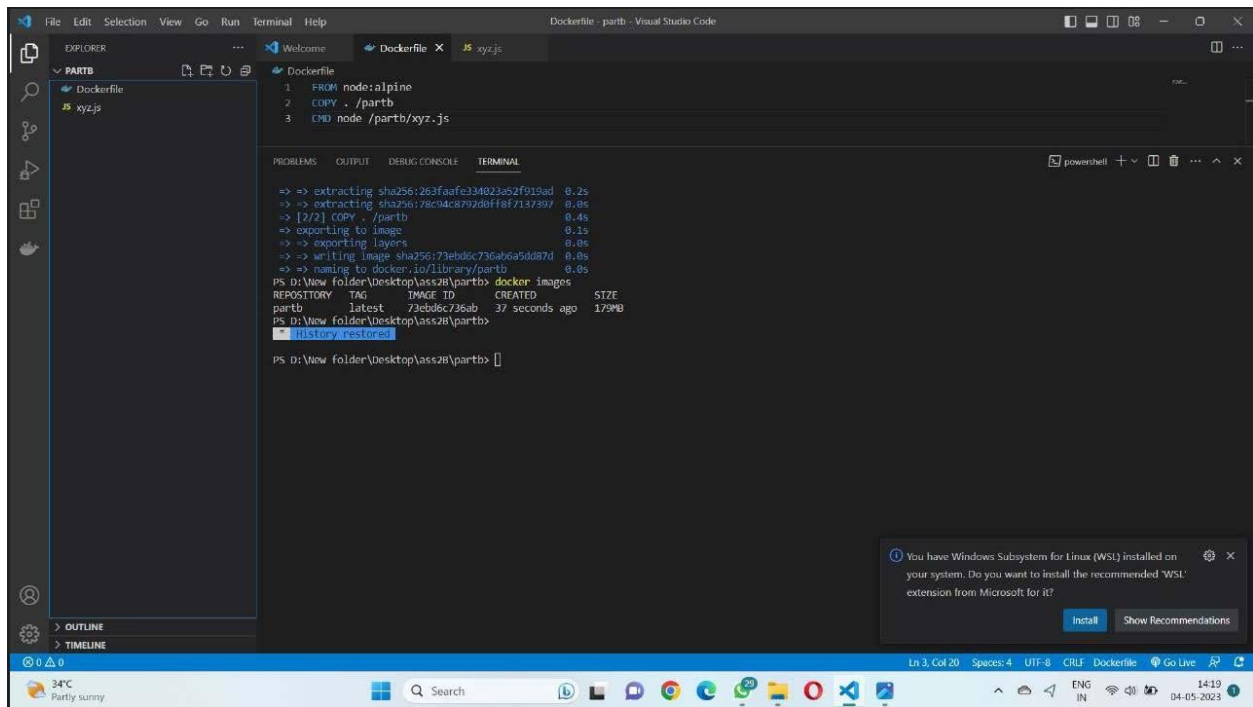
JS Console:

console.log("Hello World!!!");

Docker_File Commands

FROM node:alpine

COPY ./ab

CMD node /ab/a.js

Screenshot 1 — Dockerfile

```
Dockerfile
1   FROM node:alpine
2   COPY . /partb
3   CMD node /partb/xyz.js
```

Terminal:
```
=> => extracting sha256:263faafe334023a52f919ad   0.2s
=> => extracting sha256:78c94c8792d0ff8f7137397   0.0s
=> [2/2] COPY . /partb                            0.4s
=> exporting to image                             0.1s
=> => exporting layers                            0.0s
=> => writing image sha256:73ebd6c736ab6a5dd87d   0.0s
=> => naming to docker.io/library/partb           0.0s
PS D:\New folder\Desktop\ass2B\partb> docker images
REPOSITORY   TAG      IMAGE ID      CREATED          SIZE
partb        latest   73ebd6c736ab  37 seconds ago   179MB
PS D:\New folder\Desktop\ass2B\partb>
History restored

PS D:\New folder\Desktop\ass2B\partb>
```

Screenshot 2 — xyz.js

```javascript
1   console.log("Name:REnuka Modak");
2   console.log("Class:TE");
3   console.log("Subject:LP-II WAD");
4   console.log("Assignment 2B");
```

Terminal:
```
PS D:\New folder\Desktop\ass2B\partb> docker --version
Docker version 20.10.24, build 297e128
PS D:\New folder\Desktop\ass2B\partb> node xyz.js
Name:REnuka Modak
Class:TE
Subject:LP-II WAD
Assignment 2B
PS D:\New folder\Desktop\ass2B\partb> docker build -t partb .
[+] Building 73.4s (7/7) FINISHED
=> [internal] load build definition from Docker   0.1s
=> => transferring dockerfile: 92B                0.0s
=> [internal] load .dockerignore                  0.1s
=> => transferring context: 2B                    0.0s
=> [internal] load metadata for docker.io/libra   0.0s
=> [internal] load build context                  0.0s
=> => transferring context: 254B                  0.0s
=> [1/2] FROM docker.io/library/node:alpine@sh    66.0s
=> resolve docker.io/library/node:alpine@sha       0.0s
=> => sha256:4fa68352a2d337d 49.29MB / 49.29MB    63.0s
=> => sha256:263faafe334023a52 2.35MB / 2.35MB    18.3s
=> => sha256:1d34273b1b489a4e87 1.43kB / 1.43kB   0.0s
=> => sha256:2ffec31a58e85fbcd5 1.16kB / 1.16kB   0.0s
=> => sha256:182dfd1d5db3467756 6.48kB / 6.48kB   0.0s
=> => sha256:f56be85fc22e46fac 3.37MB / 3.37MB    23.5s
=> => sha256:78c94c8792d0ff8f71373 4510 / 4510    19.3s
=> => extracting sha256:f56be85fc22e46face30e2c   0.4s
=> => extracting sha256:263faafe334023a52f919ad   0.2s
=> => extracting sha256:78c94c8792d0ff8f7137397   0.0s
=> [2/2] COPY . /partb                            0.4s
=> exporting to image                             0.1s
=> => exporting layers                            0.0s
=> => writing image sha256:73ebd6c736ab6a5dd87d   0.0s
=> => naming to docker.io/library/partb           0.0s
PS D:\New folder\Desktop\ass2B\partb> docker images
REPOSITORY   TAG      IMAGE ID      CREATED          SIZE
partb        latest   73ebd6c736ab  37 seconds ago   179MB
```