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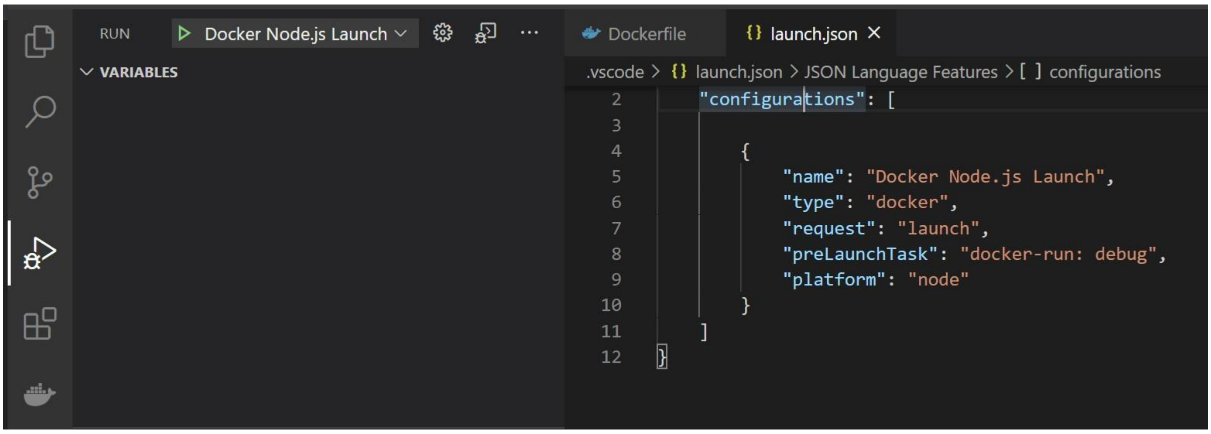
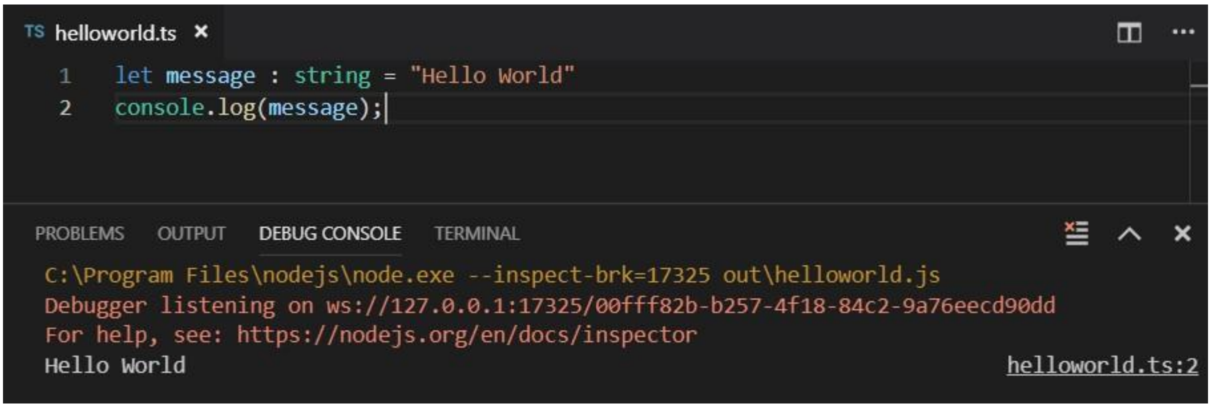
Class: TE IT Div: 2
Roll No.: I3236
Assignment: 2B

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


RUN
Docker Node.js Launch
VARIABLES
Dockerfile
launch.json
.vscode > {} launch.json > JSON Language Features > [ ] configurations

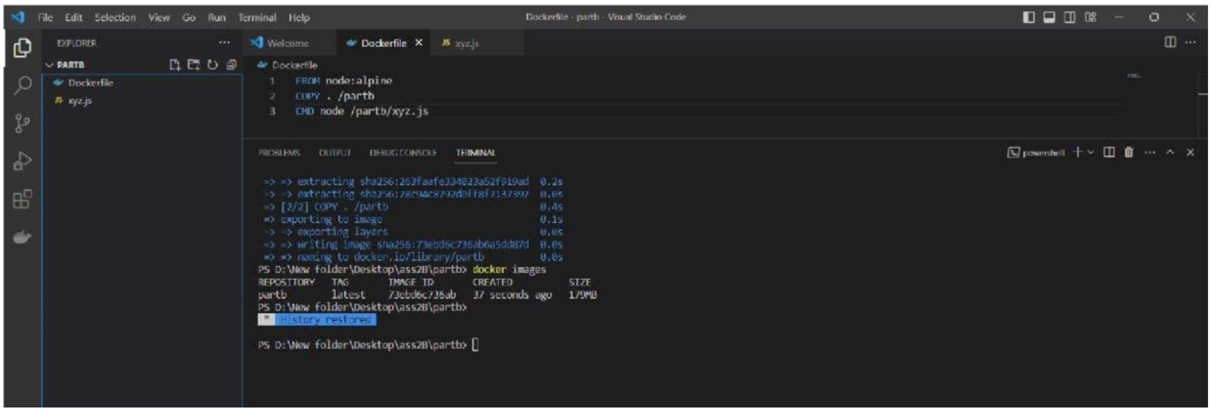
```
    "configurations": [

        {
            "name": "Docker Node.js Launch",
            "type": "docker",
            "request": "launch",
            "preLaunchTask": "docker-run: debug",
            "platform": "node"
        }
    ]
}
```



```
let message : string = "Hello World"
console.log(message);
```

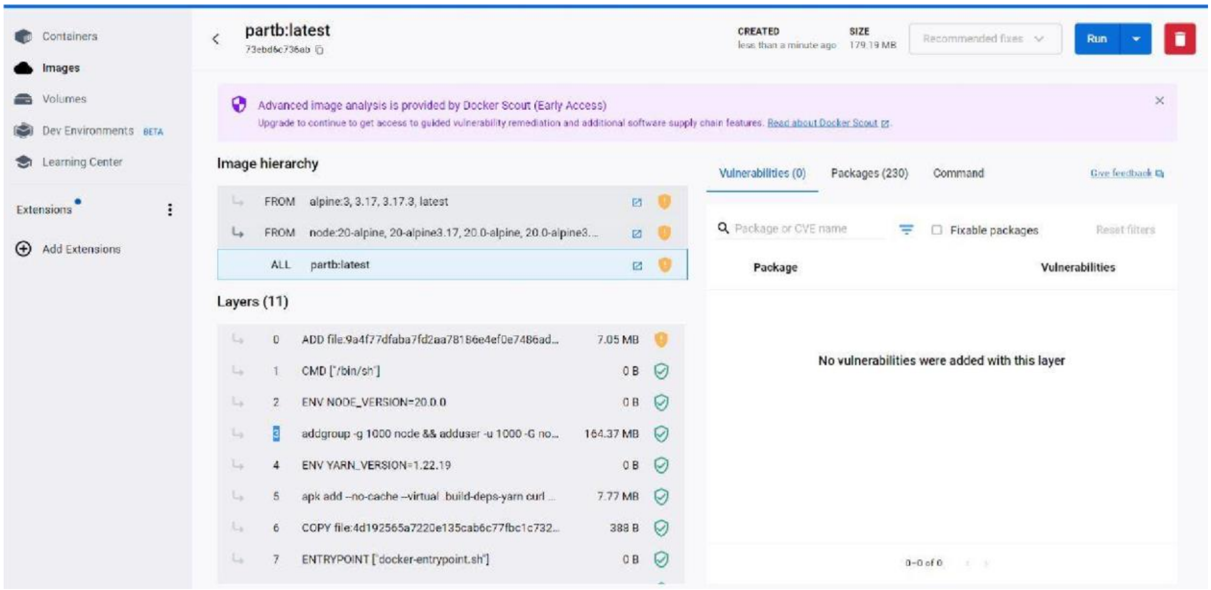
```
C:\Program Files\nodejs\node.exe --inspect-brk=17325 out\helloworld.js
Debugger listening on ws://127.0.0.1:17325/00fff82b-b257-4f18-84c2-9a76eecd90dd
For help, see: https://nodejs.org/en/docs/inspector
Hello World                                                        helloworld.ts:2
```



```
FROM node:alpine
COPY . /partb
CMD node /partb/xyz.js
```

```
 => => 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> []
```



partb:latest
73ebd6c736ab

CREATED less than a minute ago SIZE 179.19 MB

Advanced image analysis is provided by Docker Scout (Early Access)
Upgrade to continue to get access to guided vulnerability remediation and additional software supply chain features. Read about Docker Scout.

Image hierarchy

FROM	alpine:3, 3.17, 3.17.3, latest
FROM	node:20-alpine, 20-alpine3.17, 20.0-alpine, 20.0-alpine3...
ALL	partb:latest

Layers (11)

0	ADD file:9a4f77dfaba7fd2aa78186e4ef0e7486ad...	7.05 MB
1	CMD ["/bin/sh"]	0 B
2	ENV NODE_VERSION=20.0.0	0 B
3	addgroup -g 1000 node && adduser -u 1000 -G no...	164.37 MB
4	ENV YARN_VERSION=1.22.19	0 B
5	apk add --no-cache --virtual .build-deps-yarn curl ...	7.77 MB
6	COPY file:4d192565a7220e135cab6c77fbc1c732...	388 B
7	ENTRYPOINT ["docker-entrypoint.sh"]	0 B

Vulnerabilities (0) Packages (230) Command Give feedback

Package or CVE name □ Fixable packages Reset filters

Package	Vulnerabilities

No vulnerabilities were added with this layer

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