

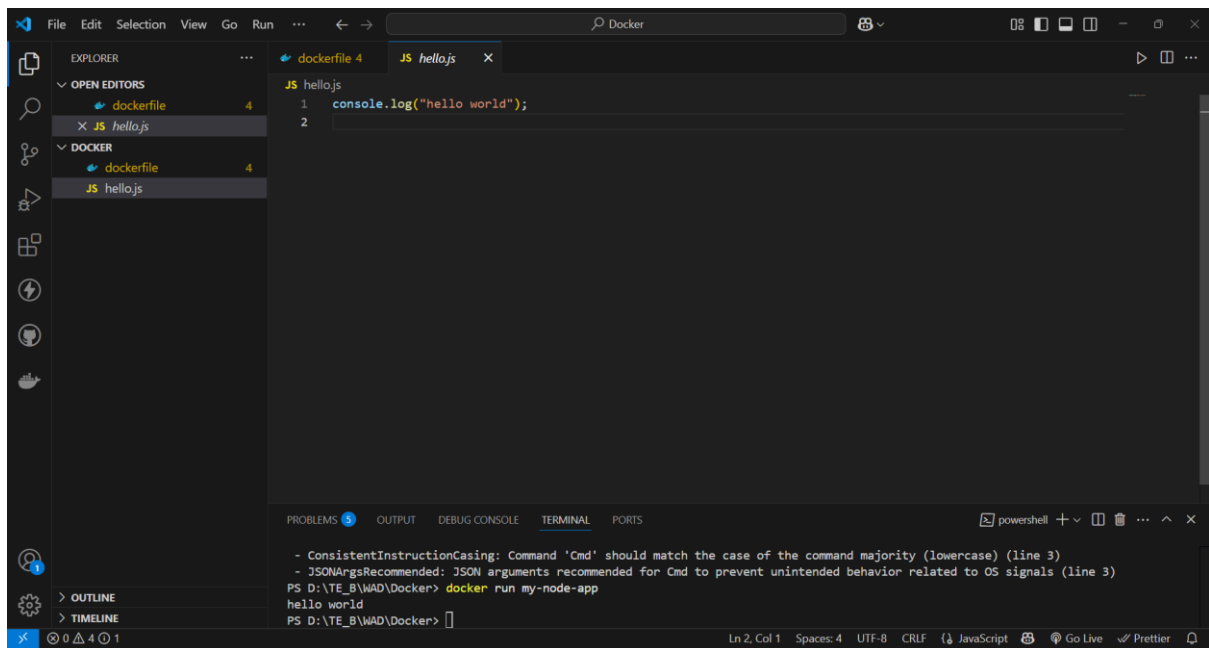
# ASSIGNMENT : 2B

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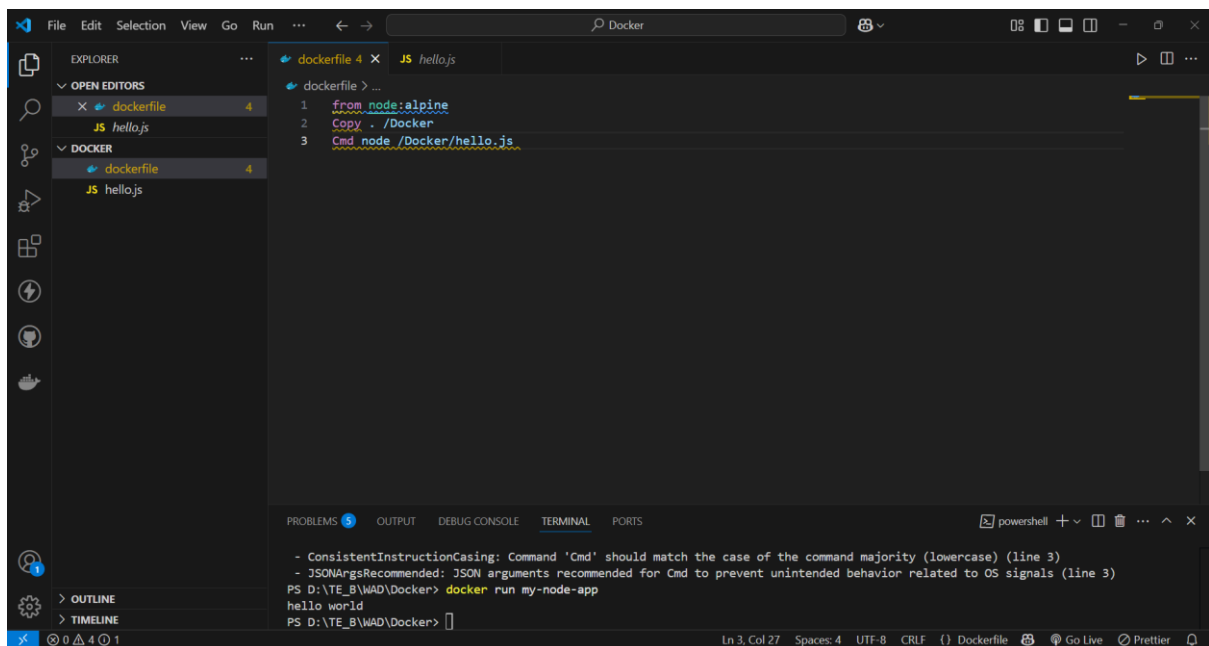
Subject : Web Application Development (WAD)



This screenshot shows the Visual Studio Code interface. The Explorer sidebar on the left shows the 'DOCKERS' section with a file named 'JS hello.js'. The main editor area displays the content of 'JS hello.js', which contains a single line of JavaScript code: `console.log("hello world");`. The bottom panel shows the 'TERMINAL' tab with a PowerShell prompt. The command `docker run my-node-app` has been executed, resulting in the output `hello world`. The status bar at the bottom indicates the file is encoded in UTF-8 with CRLF line endings.

```
JS hello.js
1 console.log("hello world");
2
```

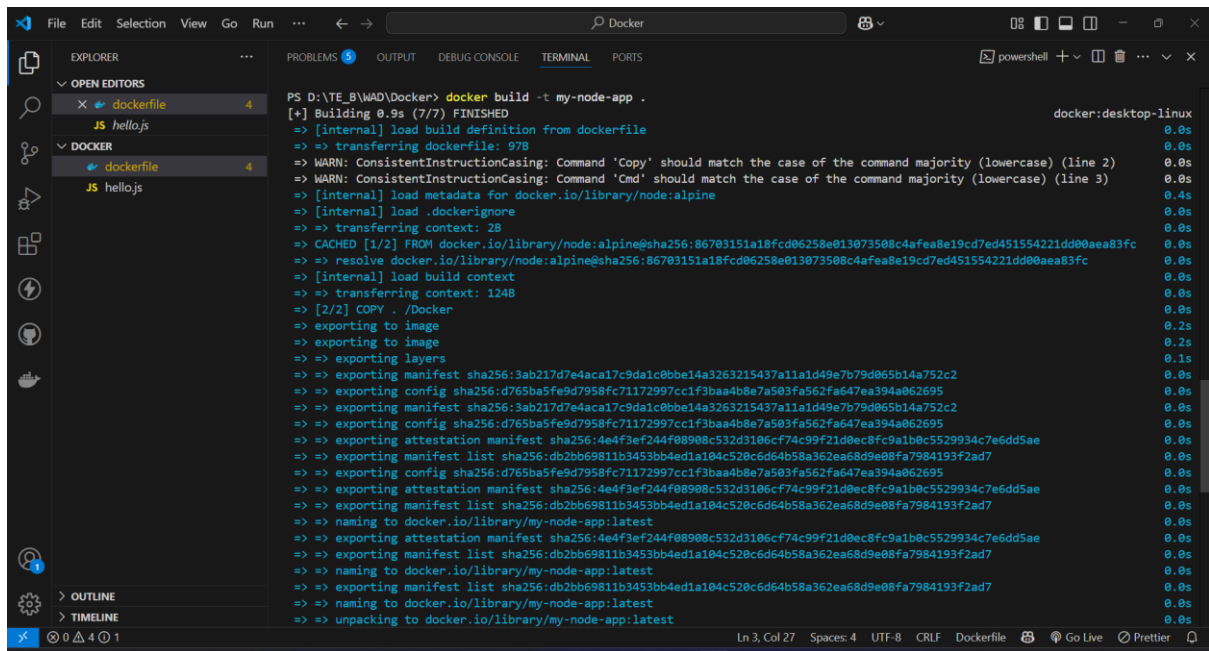
```
PS D:\TE_B\WAD\Dockers> docker run my-node-app
hello world
PS D:\TE_B\WAD\Dockers>
```



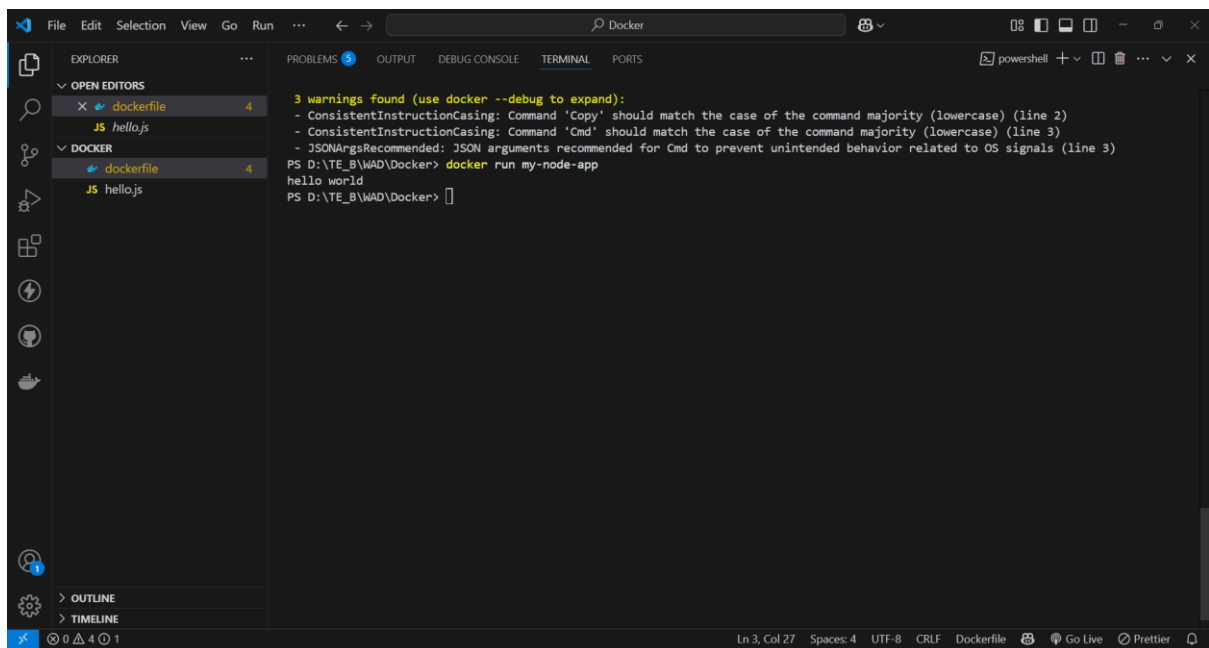
This screenshot shows the Visual Studio Code interface. The Explorer sidebar on the left shows the 'DOCKERS' section with a file named 'JS hello.js'. The main editor area displays the content of 'JS hello.js', which contains three lines of Dockerfile instructions: `from node:alpine`, `copy . /Docker`, and `cmd node /Docker/hello.js`. The bottom panel shows the 'TERMINAL' tab with a PowerShell prompt. The command `docker run my-node-app` has been executed, resulting in the output `hello world`. The status bar at the bottom indicates the file is encoded in UTF-8 with CRLF line endings.

```
JS hello.js
1 from node:alpine
2 copy . /Docker
3 cmd node /Docker/hello.js
```

```
PS D:\TE_B\WAD\Dockers> docker run my-node-app
hello world
PS D:\TE_B\WAD\Dockers>
```



```
PS D:\TE_B\WAD\docker> docker build -t my-node-app .
[+] Building 0.9s (7/7) FINISHED
=> [internal] load build definition from dockerfile
=> => transferring dockerfile: 97B
=> WARN: ConsistentInstructionCasing: Command 'Copy' should match the case of the command majority (lowercase) (line 2)
=> WARN: ConsistentInstructionCasing: Command 'Cmd' should match the case of the command majority (lowercase) (line 3)
=> [internal] load metadata for docker.io/library/node:alpine
=> [internal] load .dockerignore
=> => transferring context: 28
=> CACHED [1/2] FROM docker.io/library/node:alpine@sha256:86783151a18fcd06258e013073508c4afea8e19cd7ed451554221dd00aea83fc
=> => resolve docker.io/library/node:alpine@sha256:86783151a18fcd06258e013073508c4afea8e19cd7ed451554221dd00aea83fc
=> [internal] load build context
=> => transferring context: 124B
=> [2/2] COPY . /Docker
=> exporting to image
=> exporting image
=> => exporting layers
=> => exporting manifest sha256:3ab217d7e4aca17c9da1c0bbe14a3263215437a11a1d49e7b79d065b14a752c2
=> => exporting config sha256:d765ba5fe9d7958fc71172997cc1f3baa4b8e7a503fa562fa647ea394a062695
=> => exporting manifest sha256:3ab217d7e4aca17c9da1c0bbe14a3263215437a11a1d49e7b79d065b14a752c2
=> => exporting config sha256:d765ba5fe9d7958fc71172997cc1f3baa4b8e7a503fa562fa647ea394a062695
=> => exporting attestation manifest sha256:4a4f3ef244f08908c532d3106cf74c99f21d0ec8fc9a1b0c5529934c7e6dd5ae
=> => exporting manifest list sha256:db2bb69811b3453bb4ed1a104c520c6d64b58a362ea68d9e08fa7984193f2ad7
=> => exporting config sha256:d765ba5fe9d7958fc71172997cc1f3baa4b8e7a503fa562fa647ea394a062695
=> => exporting attestation manifest sha256:4a4f3ef244f08908c532d3106cf74c99f21d0ec8fc9a1b0c5529934c7e6dd5ae
=> => exporting manifest list sha256:db2bb69811b3453bb4ed1a104c520c6d64b58a362ea68d9e08fa7984193f2ad7
=> => naming to docker.io/library/my-node-app:latest
=> => exporting attestation manifest sha256:4a4f3ef244f08908c532d3106cf74c99f21d0ec8fc9a1b0c5529934c7e6dd5ae
=> => exporting manifest list sha256:db2bb69811b3453bb4ed1a104c520c6d64b58a362ea68d9e08fa7984193f2ad7
=> => naming to docker.io/library/my-node-app:latest
=> => exporting manifest list sha256:db2bb69811b3453bb4ed1a104c520c6d64b58a362ea68d9e08fa7984193f2ad7
=> => naming to docker.io/library/my-node-app:latest
=> => unpacking to docker.io/library/my-node-app:latest
```



```
PS D:\TE_B\WAD\docker> docker run my-node-app
hello world
PS D:\TE_B\WAD\docker>

3 warnings found (use docker --debug to expand):
- ConsistentInstructionCasing: Command 'Copy' should match the case of the command majority (lowercase) (line 2)
- ConsistentInstructionCasing: Command 'Cmd' should match the case of the command majority (lowercase) (line 3)
- JSONArgsRecommended: JSON arguments recommended for Cmd to prevent unintended behavior related to OS signals (line 3)
```