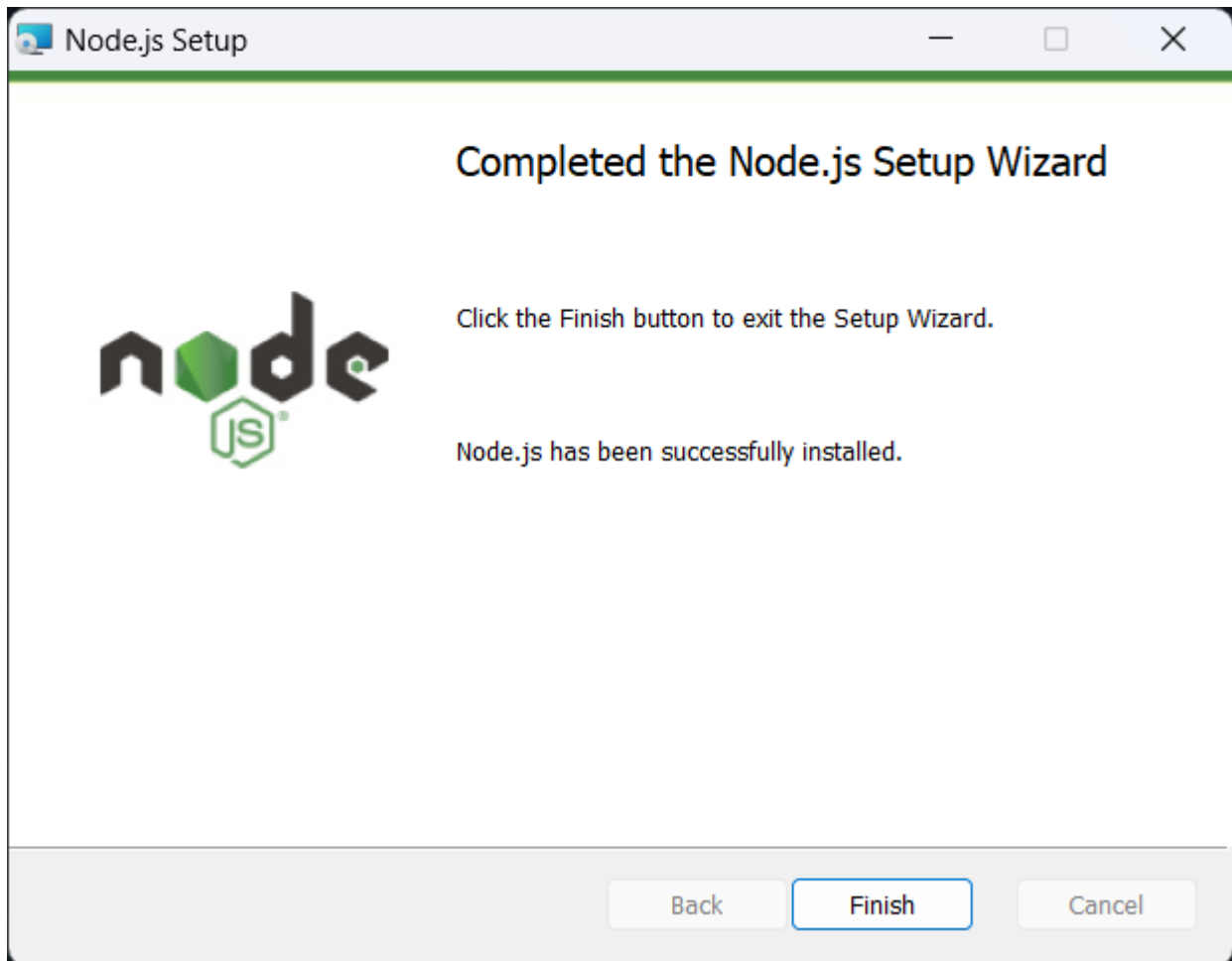


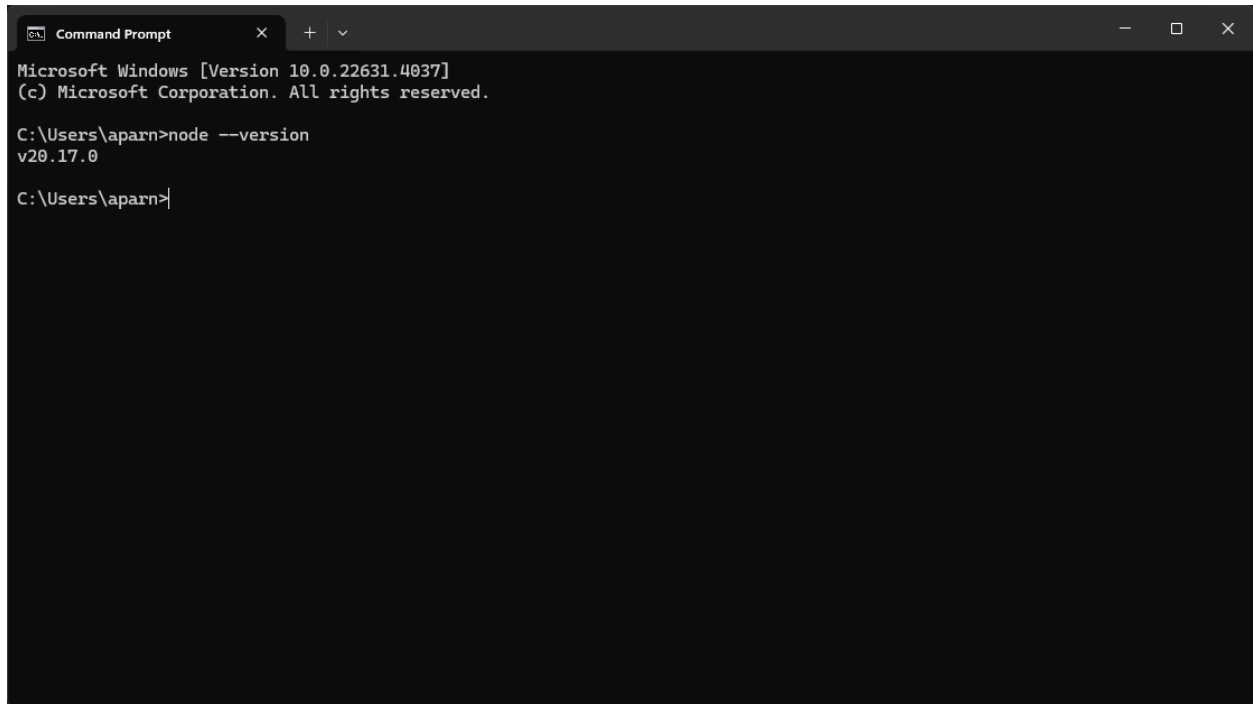
## Bonus Assignment #1-Aparna Suresh

Node.js installation:



## Commands:

### 1. node --version



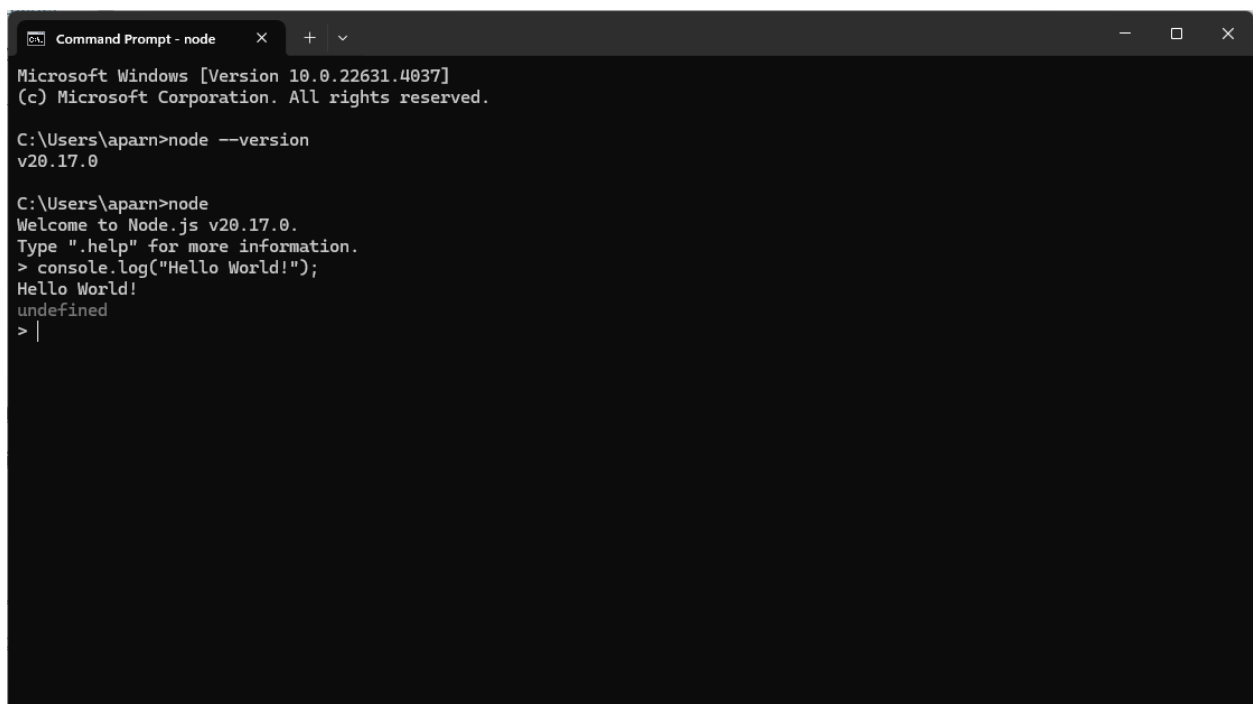
```
Microsoft Windows [Version 10.0.22631.4037]
(c) Microsoft Corporation. All rights reserved.

C:\Users\aparn>node --version
v20.17.0

C:\Users\aparn>
```

### 2. node

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



```
Microsoft Windows [Version 10.0.22631.4037]
(c) Microsoft Corporation. All rights reserved.

C:\Users\aparn>node --version
v20.17.0

C:\Users\aparn>node
Welcome to Node.js v20.17.0.
Type ".help" for more information.
> console.log("Hello World!");
Hello World!
undefined
> |
```

> Ctrl-D

```
Command Prompt
Microsoft Windows [Version 10.0.22631.4037]
(c) Microsoft Corporation. All rights reserved.

C:\Users\aparn>node --version
v20.17.0

C:\Users\aparn>node
Welcome to Node.js v20.17.0.
Type ".help" for more information.
> console.log("Hello World!");
Hello World!
undefined
>

C:\Users\aparn>
```

### 3. npm install mysql

```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.22631.4037]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\System32>cd ..

C:\Windows>cd ..

C:\>cd "Program Files"

C:\Program Files>cd nodejs

C:\Program Files\nodejs>npm install mysql

added 11 packages, and removed 203 packages in 3s

C:\Program Files\nodejs>
```

#### 4. npm install -g express

```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.22631.4037]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\System32>node -v
v20.17.0

C:\Windows\System32>npm -v
10.8.2

C:\Windows\System32>npm cache clean --force
npm warn using --force Recommended protections disabled.

C:\Windows\System32>npm install -g express

added 64 packages in 6s

12 packages are looking for funding
  run `npm fund` for details

C:\Windows\System32>
```

#### 5. npm install react react-dom --save

```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.22631.4037]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\System32>node -v
v20.17.0

C:\Windows\System32>npm -v
10.8.2

C:\Windows\System32>npm cache clean --force
npm warn using --force Recommended protections disabled.

C:\Windows\System32>npm install -g express

added 64 packages in 6s

12 packages are looking for funding
  run `npm fund` for details

C:\Windows\System32>npm install react react-dom --save

added 5 packages in 3s

C:\Windows\System32>
```

## 6. npm install webpack --save

```
Administrator: Command Prompt
C:\Windows\System32>node -v
v20.17.0

C:\Windows\System32>npm -v
10.8.2

C:\Windows\System32>npm cache clean --force
npm warn using --force Recommended protections disabled.

C:\Windows\System32>npm install -g express

added 64 packages in 6s

12 packages are looking for funding
  run `npm fund` for details

C:\Windows\System32>npm install react react-dom --save

added 5 packages in 3s

C:\Windows\System32>npm install webpack --save

added 76 packages, and audited 82 packages in 12s

9 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities

C:\Windows\System32>
```

## 7. npm install babel-loader babel-preset-es2015 babel-preset-react --save

```
Administrator: Command Prompt

9 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities

C:\Windows\System32>npm install babel-loader babel-preset-es2015 babel-preset-react --save
npm warn deprecated babel-preset-es2015@6.24.1:  Thanks for using Babel: we recommend using babel-preset-env now: please read https://babeljs.io/env to update!
npm warn deprecated core-js@2.6.12: core-js@<3.23.3 is no longer maintained and not recommended for usage due to the number of issues. Because of the V8 engine whims, feature detection in old core-js versions could cause a slowdown up to 100x even if nothing is polyfilled. Some versions have web compatibility issues. Please, upgrade your dependencies to the actual version of core-js.

added 129 packages, and audited 211 packages in 20s

19 packages are looking for funding
  run `npm fund` for details

17 critical severity vulnerabilities

To address issues that do not require attention, run:
  npm audit fix

Some issues need review, and may require choosing
a different dependency.

Run `npm audit` for details.

C:\Windows\System32>
```

## 8. npm install -g @aws-amplify/cli

```
Administrator: Command Prompt
actual version of core-js.
added 129 packages, and audited 211 packages in 20s

19 packages are looking for funding
  run `npm fund` for details

17 critical severity vulnerabilities

To address issues that do not require attention, run:
  npm audit fix

Some issues need review, and may require choosing
a different dependency.

Run `npm audit` for details.

C:\Windows\System32>npm install -g @aws-amplify/cli
npm warn deprecated inflight@1.0.6: This module is not supported, and leaks memory. Do not use it. Check out lru-cache if
you want a good and tested way to coalesce async requests by a key value, which is much more comprehensive and powerfu
l.
npm warn deprecated glob@7.2.3: Glob versions prior to v9 are no longer supported
npm warn deprecated rimraf@3.0.2: Rimraf versions prior to v4 are no longer supported

added 33 packages in 1m

7 packages are looking for funding
  run `npm fund` for details

C:\Windows\System32>
```

## 9. apachectl -k start didn't work for windows.

```
Administrator: Command Prompt

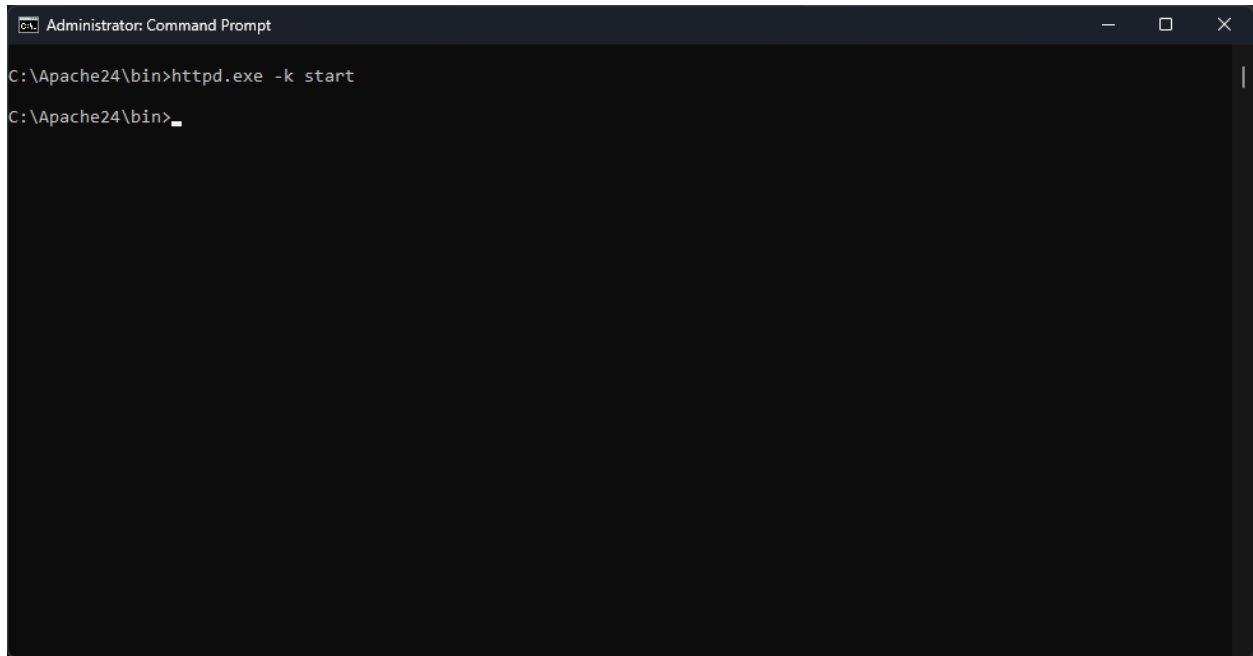
C:\Apache24\bin>httpd.exe -k start

C:\Apache24\bin>httpd.exe -k stop
The 'Apache2.4' service is stopping.
The 'Apache2.4' service has stopped.

C:\Apache24\bin>apachectl -k start
'apachectl' is not recognized as an internal or external command,
operable program or batch file.

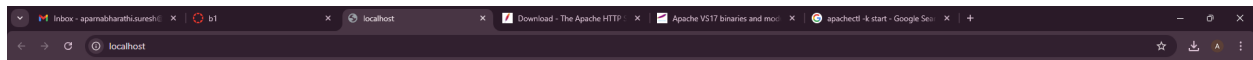
C:\Apache24\bin>
```

For windows the command is “httpd.exe -k start”



```
Administrator: Command Prompt
C:\Apache24\bin>httpd.exe -k start
C:\Apache24\bin>
```

Put <http://localhost/Links to an external site.> at your browser and show the web page.



**It works!**

httpd.exe -k stop

```
Administrator: Command Prompt

C:\Apache24\bin>httpd.exe -k start

C:\Apache24\bin>httpd.exe -k stop
The 'Apache2.4' service is stopping.
The 'Apache2.4' service has stopped.

C:\Apache24\bin>
```

Put <http://localhost/Links to an external site.> at your browser and show the web page.

