

University Of Management and Technology

Week 14

Advance Web Technology

REACT APPLICATION

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Semester	8 th
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1. INSTALLATION

`npm create-react-app my-app`

```

PS C:\AWT\Task> npm create-react-app my-app
Need to install the following packages:
create-react-app@5.0.1
Ok to proceed? (y) y

npm warn deprecated rimraf@2.7.1: Rimraf versions prior to v4 are no longer supported
npm warn deprecated fstream-ignore@1.0.5: This package is no longer supported.
npm warn deprecated inflight@1.0.6: This module is not supported, and leaks memory. Do not use it. Check out lru-cache if y
ou want a good and tested way to coalesce async requests by a key value, which is much more comprehensive and powerful.
npm warn deprecated uid-number@0.0.6: This package is no longer supported.
npm warn deprecated tar@2.2.2: This version of tar is no longer supported, and will not receive security updates. Please up
grade asap.
npm warn deprecated glob@7.2.3: Glob versions prior to v9 are no longer supported

Creating a new React app in C:\AWT\Task\my-app.

Installing packages. This might take a couple of minutes.
Installing react, react-dom, and react-scripts with cra-template...

added 1489 packages in 4m

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

Initialized a git repository.

Installing template dependencies using npm...

added 67 packages, and changed 1 package in 24s

262 packages are looking for funding
  
```

Following is my-app folder

```

To address all issues (including breaking changes), run:
npm audit fix --force

Run `npm audit` for details.

Created git commit.

Success! Created my-app at C:\AWT\Task\my-app
Inside that directory, you can run several commands:

  npm start
    Starts the development server.

  npm run build
    Compiled successfully!

You can now view my-app in the browser.

  Local:            http://localhost:3000
  On Your Network:  http://192.168.10.17:3000

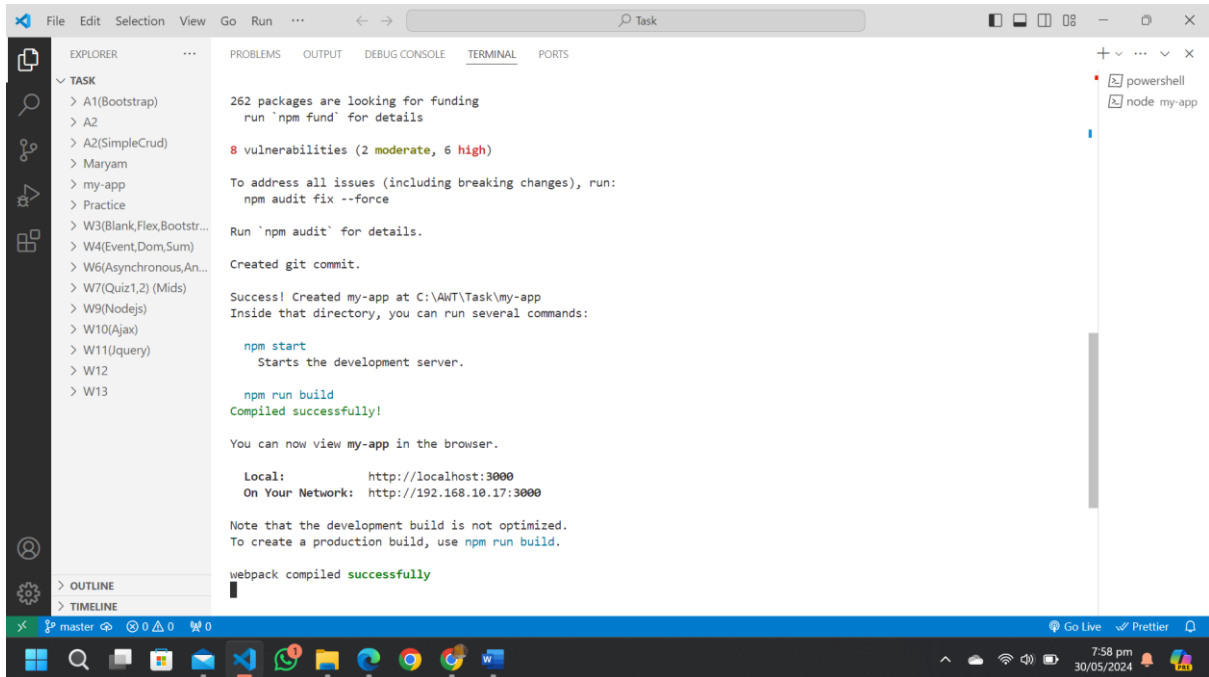
Note that the development build is not optimized.
To create a production build, use `npm run build`.

webpack compiled successfully
  
```

2. RUNNING REACT APP

```
cd my-app
```

```
npm start
```



The screenshot shows the Visual Studio Code interface with the Explorer, Task Explorer, and Terminal panels. The Explorer panel shows a project structure with folders like A1(Bootstrap), A2, A2(SimpleCrud), Maryam, my-app, Practice, W3(Blank, Flex, Bootstr..., W4(Event, Dom, Sum), W6(Asynchronous, An..., W7(Quiz1,2) (Mids), W9(Nodejs), W10(Ajax), W11(Query), W12, and W13. The Task Explorer panel shows a list of tasks. The Terminal panel shows the output of running 'npm start' in the 'my-app' directory. The output includes information about funding, vulnerabilities, and the successful compilation of the app. It also provides the local and network URLs for viewing the app in the browser.

```
File Edit Selection View Go Run ... Task
EXPLORER TASK
> A1(Bootstrap)
> A2
> A2(SimpleCrud)
> Maryam
> my-app
> Practice
> W3(Blank, Flex, Bootstr...
> W4(Event, Dom, Sum)
> W6(Asynchronous, An...
> W7(Quiz1,2) (Mids)
> W9(Nodejs)
> W10(Ajax)
> W11(Query)
> W12
> W13
OUTLINE
TIMELINE
master 0 0 0 0
262 packages are looking for funding
  run `npm fund` for details
8 vulnerabilities (2 moderate, 6 high)
To address all issues (including breaking changes), run:
  npm audit fix --force
Run `npm audit` for details.
Created git commit.
Success! Created my-app at C:\AVT\Task\my-app
Inside that directory, you can run several commands:

  npm start
    Starts the development server.

  npm run build
    Compiled successfully!

You can now view my-app in the browser.

  Local:    http://localhost:3000
  On Your Network: http://192.168.10.17:3000

Note that the development build is not optimized.
To create a production build, use `npm run build`.

webpack compiled successfully
```

3. REACT APP OUTPUT

