Please note that to successfully execute this project, you might need to download lots of software and tools (depending on which softwares your computer already has downloaded), so please make sure you have enough disk space on your computer.

Before downloading the github file, please try running the commands in terminal:
node -v
npm -v

If something other than v12.9.0 shows up for the node -v command and something other than 6.14.8 shows up for the npm -v command, then please go to this link https://nodejs.org/en/download/ and download node.js by following the instructions on the page. There are different node packages for download depending on whether you have a windows, mac, or source code installer. Please download the package that is under LTS "Recommended for Most Users" tab.

After downloading the node.js package, please check it has been correctly downloaded by running the two commands above again in terminal. The version packages should show up for each command.

Your terminal should look something like this once you try running the commands:

```
[amykim@Amys-MacBook-Pro ~ % node -v
 v12.19.0
[amykim@Amys-MacBook-Pro ~ % npm -v
 6.14.8
 amykim@Amys-MacBook-Pro ~ %
```

It's fine if the commands return a higher version number. This is just to test that node.js was correctly downloaded.

After verifying that the node.js package has been downloaded, please download the github zip file by pressing the green button labeled "Code" and then select "Download ZIP" from the dropdown menu that appears. Open up your zip file and drag the folder to the desktop for easier access. In your terminal, please cd to Desktop, then cd comps-main, and cd uno_finalcomps. The cd might differ depending on where you decide to move the comps-main folder. Once you cd to uno_finalcomps, please run the following command in terminal: npm install
Your terminal should look like this:

```
[amykim@Amys-MacBook-Pro ~ % cd Desktop
[amykim@Amys-MacBook-Pro Desktop % cd comps-main
[amykim@Amys-MacBook-Pro comps-main % cd uno_finalcomps
 amykim@Amys-MacBook-Pro uno_finalcomps % npm install
```

The command above will ask if the terminal can access files on your desktop. Please say yes and allow the terminal to download the necessary files to run this project. During the download, a pop up will come up notifying that "The 'xcrun' command requires the command line developer tools. Would you like to install the tools now?" Please press the blue "Install" button and

"Agree" to continue. This download might take a couple of minutes. Once the developer tools are downloaded, a pop up will notify you that "The software was installed." Please press Done, and click on the terminal icon again. Your terminal should look like this:

```
npm WARN deprecated @hapi/joi@15.1.1: Switch to 'npm install joi'
npm WARN deprecated core-js@2.6.12: core-js@<3.3 is no longer maintained and not
 recommended for usage due to the number of issues. Because of the V8 engine whi
ms, feature detection in old core-js versions could cause a slowdown up to 100x
even if nothing is polyfilled. Please, upgrade your dependencies to the actual v
ersion of core-js.

added 1925 packages, and audited 1926 packages in 2m

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

27 vulnerabilities (16 moderate, 9 high, 2 critical)

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

Run `npm audit` for details.
npm notice
npm notice New minor version of npm available! 8.1.2 -> 8.3.0
npm notice Changelog: https://github.com/npm/cli/releases/tag/v8.3.0
npm notice Run npm install -g npm@8.3.0 to update!
npm notice
Chloes-MacBook-Pro:uno_finalcomps chloe$
```
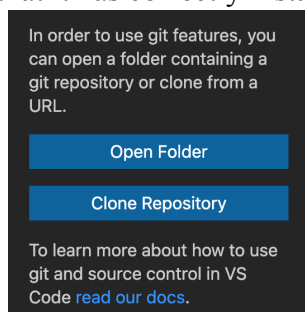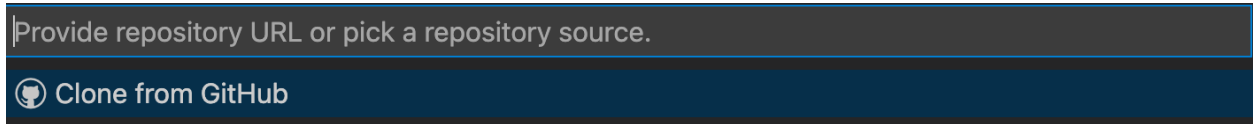
please run the command: npm run start

Another pop up should appear saying that terminal wants access to control "Google Chrome." Please press "OK"

Congratulations! You have successfully executed this project!

If you have a virtual environment such as Visual Studio Code on your computer, instead of downloading the zip file, you can open the visual studio code and use the source control option to clone a repository. Please note that this option still requires you to download node.js and test that it has correctly installed with the same two commands.
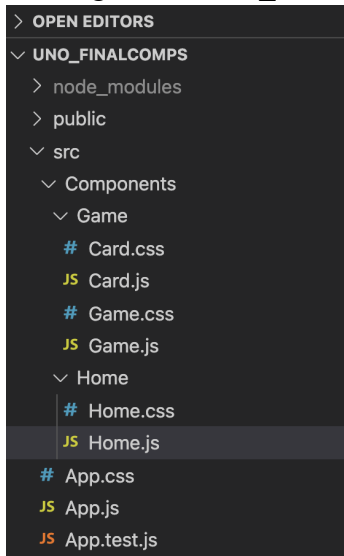
In order to use git features, you can open a folder containing a git repository or clone from a URL.

Open Folder

Clone Repository

To learn more about how to use git and source control in VS Code read our docs.

After clicking on the "Clone Repository" button, the banner below should appear at the top of the page:

Provide repository URL or pick a repository source.

Clone from GitHub

In the space provided, please copy and past this link: https://github.com/amykim1882/comps
This will allow you to clone the git repository and open this project directly in visual studio code

Please go to the uno_finalcomps folder and click on any of the .js files you see below

Once you have clicked on a .js file, please open the terminal that's within visual studio code and run the same command: npm install

Once it is done installing, please run this command: npm run start

Congratulations! You have successfully executed this project! Please enjoy the text-based web application version of Uno!