# Steps to setting up the code for Assignment one-CSE5ICE.

# Create first Angular project.

* Download latest version Node from the browser (<https://nodejs.org/en/download/>)
* 64 bit .msi installer for windows.
* Open your command prompt and type the below code.
* npm install -g @angular/cli
* press Enter.
* Cli will be downloaded.
* Check if the cli is actually downloaded by typing **ng –version.** It will show the angular version installed.

# Setup Git.

* Go to the url <https://github.com/>
* Create your github id if it is already does not exist.
* Install gitbash using the steps given here <https://www.stanleyulili.com/git/how-to-install-git-bash-on-windows/>

# Clone git Folder in your system

* Create a folder for ICE Assignment in your file Explorer.
* Right click and select option **Git Bash Here.**
* In the git bash, write **git clone** [**https://github.com/gsdhillon94/ICE.git**](https://github.com/gsdhillon94/ICE.git)
* your will get ICE folder downloaded in your folder where you have done the above steps.

# Create your local git branch

* From your terminal window, list the branches on your repository.

$ git branch

\* master

This output indicates there is a single branch, the master and the asterisk indicates it is currently active.

* create a new feature branch in the repository

$ git branch branch\_name

* check your branch name is available or not by typing **git branch.**
* Switch to git branch by typing **git checkout branch\_name**.
* You can list the branches again with the git branch command.
* This is your local branch and what ever change you make will be in this branch only and will not be reflected to the git repo on github server.

# Setup your Angular code.

* Go inside ICE folder.
* Go inside folder **Favourite-game.** Here you can see the src folder.
* Open command prompt at this location by clicking on the url.
* Write **cmd** and press enter.
* In the command prompt write **ng init.**  This will initialise project and download all dependencies.
* Write the following code on command prompt after initialisation is finished.

**ng serve –open.**

* Your project will open in browser.
* You can edit the code by opening the code with VS code.

# Push your changed code.

* Once you have made your changes you can push the code to central repository and Gurdayal will confirm the changes to merge it.
* Go to your src folder in your file explorer.
* Right click and select **git bash here.**
* In git bash type following code.
* To add the changes made **git add .**
* To commit the changes **git commit -m “your message which specifies your changes made”**
* (This step to be done only the first time) To set remote repo

git remote add origin <https://github.com/gsdhillon94/ICE.git>

* To push the changes type **git push.**
* Now Gurdayal will accept the changes from the git repo and merge it .
* **Do not push the changes if the code is not in working condition**