**Steps to Install Environment for Angular Web Development**

**Steps 1: Install Node.js**

Goto: <https://nodejs.org/en/download/>

Download the LTS (Long Term Service) version depending on your OS.

Use below command to check whether it gets installed or not on your machine

**Node --version**

**Step 2: Install npm (Node Package Manager) It is like pip in python**

npm get automatically installed when we install node

Use below command to check whether it gets installed or not on your machine

**npm --version**

**Step 3: Install typescript compiler (Transpiler)**

Use below command to install typescript compiler

**npm install -g typescript**

use below command to check whether it gets installed or not on your machine

**tsc –version //(tsc=typescript compiler)**

**Step 4: Install CLI (Command Line Interface)**

Use below Command to install Angular CLI

**npm install -g @angular/cli**

use below command to check all versions

**ng –version**

**Step 5: Create on .ts file as Demo.ts**

**Step 6: transpile .ts file to .js file using node.js file using below command**

**tsc Demo.ts**

New file gets created as Demo.js

**Step 7: Execute that .js file using node.js**

Use below command to execute the code

**node Demo.js**

**Step 8: Create one angular project using below command**

**ng new Marvellous**

One directory gets created as Marvellous

**Step 9: Go to that directory through command prompt and start the project**

**ng serve**

**Step 10: Open browser and goto the below URL to check the output of angular application**

**http://localhost:4200/**