Typescript Installation

1. Open Command Prompt and type npm --version
   You will get the version of npm available in the command prompt. NPM is included in node js. If you have node js, then you will have npm on your PC.
2. Execute **npm install -g typescript** in command prompt.
3. Wait for the installation to complete.
4. Execute tsc --version in your command prompt and see if you can see the version of typescript
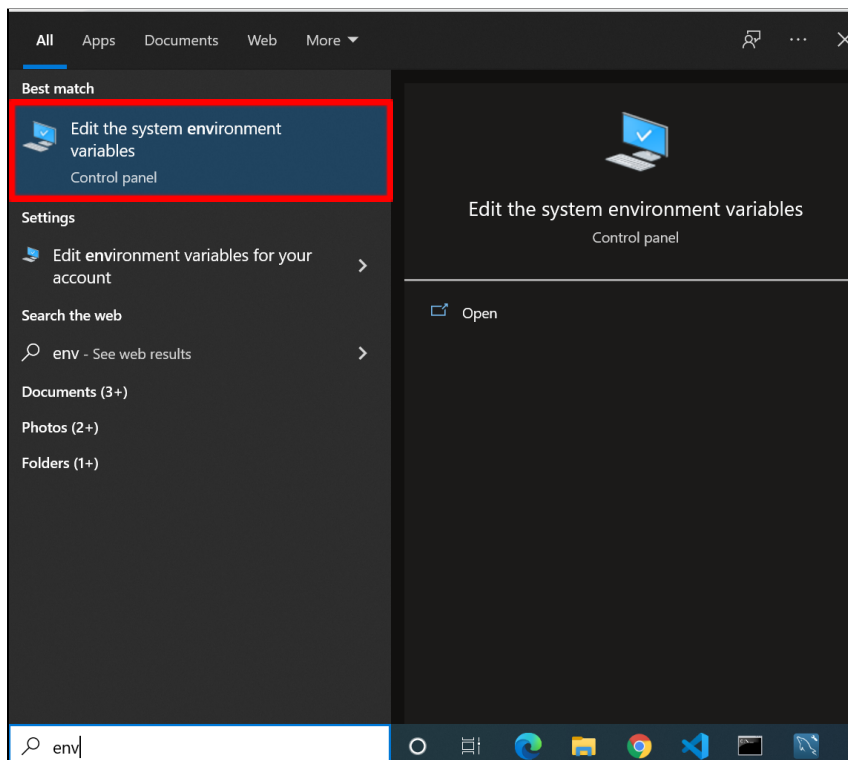
```
C:\Users\allam>tsc --version
```

5. In case if you see the version number, your installation is successful.
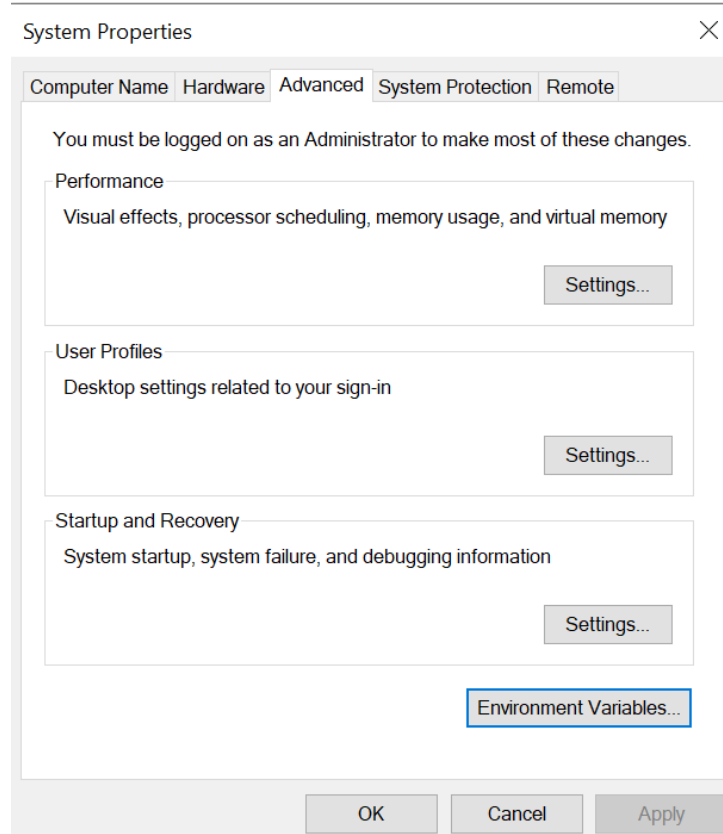
```
Version 4.5.5
```

6. If you get an error message saying "tsc is not recognized as an internal or external command…." as shown below, you need to set the path for npm in your environment variables.

```
'tsc ' is not recognized as an internal or external command,
operable program or batch file.
```
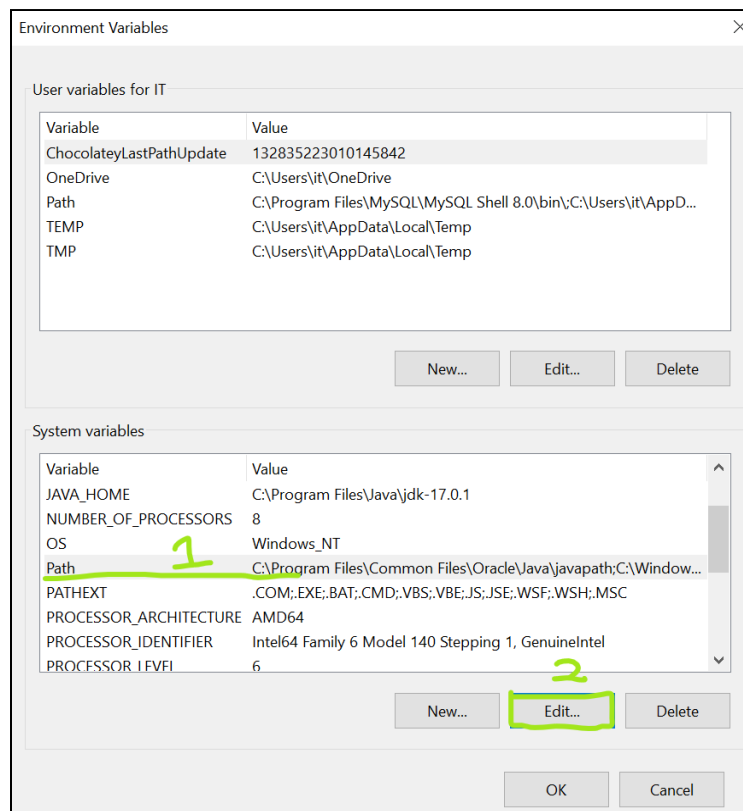
7. In the search bar type Environment, You will get the "Edit system environment variables" option. Click on it.
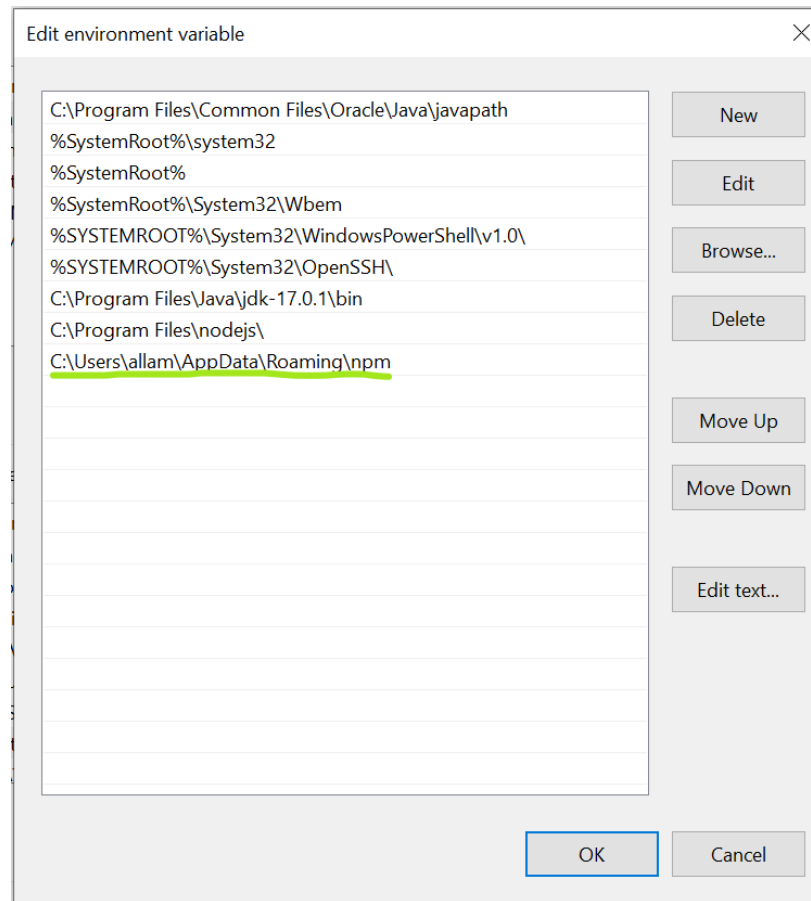

8. Click on environment variables as shown below

9. In System Variables, click on path and click Edit button as shown below

10. Click on new and add the Path C:\Users\<your PC name>\AppData\Roaming\npm
(Make sure the path exists)

11. Click on OK and close the environment variables tab and try to run **tsc --version** in the command prompt.

```
Version 4.5.5
```

For MacOS:

https://code.visualstudio.com/docs/typescript/typescript-tutorial