Steps to Build and Execute Typescript Applications

- TypeScript is a programing language that is a superset of JavaScript.
- It allows setting types and allows ES6 functionality.
- It is the preferred language of Angular2 and is maintained by Microsoft.
- To compile TypeScript into JavaScript you need to have TypeScript installed.

To install TypeScript using the Node Package Manager (npm) type the command:

npm install -g typescript

Now we can use the 'tsc' command to transcribe TypeScript into Javascript.

TypeScript files normally have a '.ts' extension.

If name of file is Demo.ts then we have to use below command as

tsc Demo.ts

This will output the JavaScript version of those files with a .js extension in that same directory.

After successful transcompilation new file gets generated as Demo.js

Now we can execute javascript application using command line.

To execute Javascript application we have to install node on our machine.

To execute the javascript application use below command as

node Demo.js