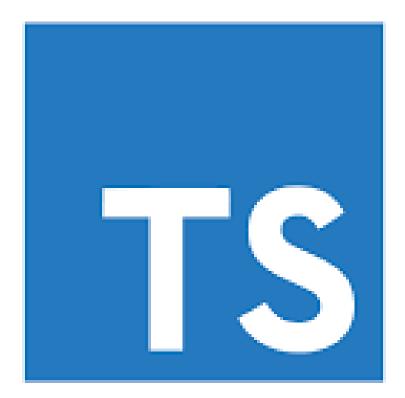# TYPESCRIPT

TYPESCRIPT INSTALLATION

➢ Install node.js to use npm

➢ Write command 'npm init' 'optional Step'
  o To Create Json file, have all Project's data as modules, name, etc.

➢ Write command 'npm install typescript -g'
  o To Install Typescript Compiler at General Machine

➢ Write command 'npm tsc -v'
  o To Make Sure Complier Have been Installed Successfully

➢ Create file.ts

➢ Write Code
  o TS Code with Comments at This **LINK**

➢ Write command 'tsc file.ts'
  o To Compiler TS code to JS code, Js File named index as Default

➢ Write command 'node index.js'
  o To Run JS file without need to browser, Run in CMD

➢ Write command 'tsc file.ts --removecomments'
  o To Compile TS to JS, with remove all TS Comments

➢ Write command 'tsc --help' or 'tsc -h'
  o To Print all TS Available Commands

➢ Write command 'npm --watch' or 'npm -w'
  o To Watch TS File to Compile for JS Automatically