**TYPESCRIPT PROJECT SETUP**

# Initialize the project:

* Run the command **tsc –init**.
* It will generate the **tsconfig.json** file.

# Compile the entire project:

* Navigate to the project directory.
* Run the command **tsc**  to compile all the typescript files to javascript.

# Watch mode( --w / --watch):

* The **–w** or **–watch** flags are used to enter the watch mode .
* To run a single file on watch mode **tsc file\_name.ts –watch .**
* To run the entire project on watch mode **tsc –watch.**

# Including or Excluding files:

* The **include** & **exclude** property of the tsconfig.json file allows us to specify which files/folders to be included or excluded from the compilation process.

**e.g.** in the tsconfig.json file:

“exclude”: [“folder/”, “file.ts”, “\*.dev.ts”].

“include”: [“folder/”, “file.ts”, “\*.dev.ts”].