**TYPESCRIPT CONFIG FILE OPTIONS**

* **Target:** It specifies to which javascript version the typescript code is to be compiled.
* **Lib:** It specifies the typescript project and which core libraries are supported by the project. By default, it supports all the core features available in the target version of javascript.
* **Allowjs:** It specifies the typescript compiler should include the javascript files in its compilation process also.
* **Checkjs:** It specifies the typescript compiler to check the javascript files for any potential errors.
* **Sourcemap:** This property is specifically utilized for debugging purposes.
  + By default only javascript files are visible to apply breakpoints.
  + By enabling the **sourcemap** property, we can apply breakpoints to typescript files directly.
  + It removes our dependency on javascript files to debug the code.
* **outDir:** It specifies in which folder all our output javascript files will reside.
* **rootDir:** It specifies the root directory of our project where all the compilation work takes place.
* **removeComments:** it will remove all the comments from our output javascript files.
* **noEmit:** it tells the typescript compiler to just check the typescript files and not to generate the output javascript files.
* **noEmitOnError:** it tells the typescript compiler to not emit the output javascript file if there are errors in the typescript files.