# **Appendix 2 - Version 1.3 \_12/12/2023**

The following sections of code are taken from the source code that was amended so as to run the proof of concept. Each of the sections are delineated by a **~~~~~~** and each section of source code have interlaced screen shots from the code that was ran and committed to my GitHub repository.

# **Tsconfig.json**

**//INSIDE OF THE SCRIPT**

{

"compilerOptions": {

"esModuleInterop": true,

"rootDir": "./src",

"outDir": "./build"

}

}

The tsconfig.json file is a configuration file used in TypeScript projects, including those related to IOTA programming. It serves the purpose of specifying various compiler options and project settings for the TypeScript compiler (tsc).

When working with IOTA, the tsconfig.json file is particularly important as it allows you to define how your TypeScript code should be compiled and what features of the language should be enabled or disabled. It provides a way to customize the behaviour of the TypeScript compiler to suit the specific needs of your IOTA project.

Here are some of the key purposes and functionalities of the tsconfig.json file in the context of IOTA programming:

1. **Compiler Options**:
2. **Type Checking**:
3. **Module Resolution**:
4. **Source File Inclusion**:
5. **Project References**: