Date :- 02.01.24

Start with installing truffle using **npm install -g truffle** . This will install truffle globally

Error:-

**truffle : File c:\users\91966\appdata\roaming\npm\truffle.ps1 cannot be loaded because running scripts is disabled on this system.**

Solution :-

**Set-ExecutionPolicy -ExecutionPolicy Bypass -Scope CurrentUser**

paste this in IDE terminal

Check truffle version -

Using **truffle --version**  
for this project these are the configrationss

Truffle v5.11.5 (core: 5.11.5)

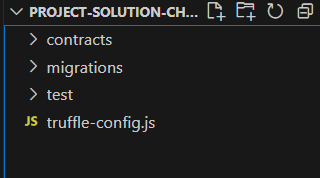
Ganache v7.9.1

Solidity v0.5.16 (solc-js)

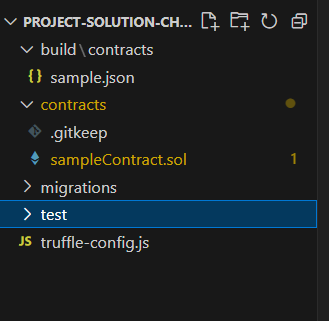
Node v18.17.0

Web3.js v1.10.0

Initial structure folder structure :-



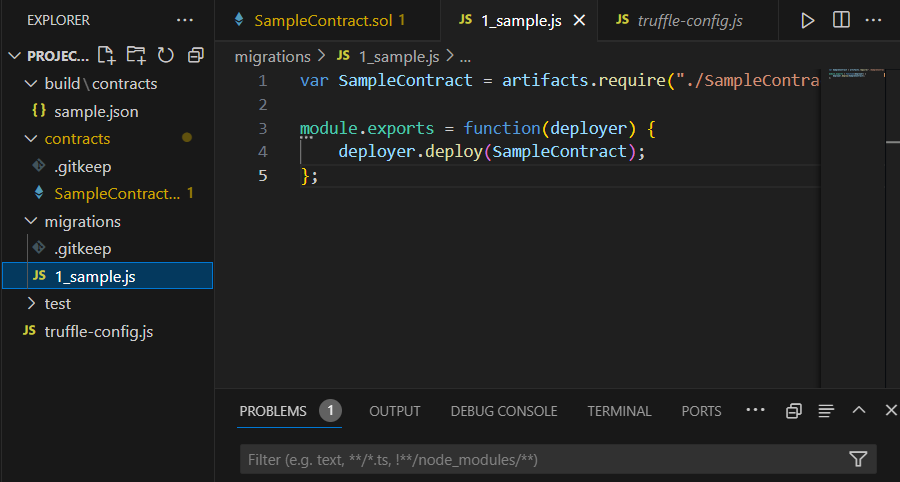
After Compilation



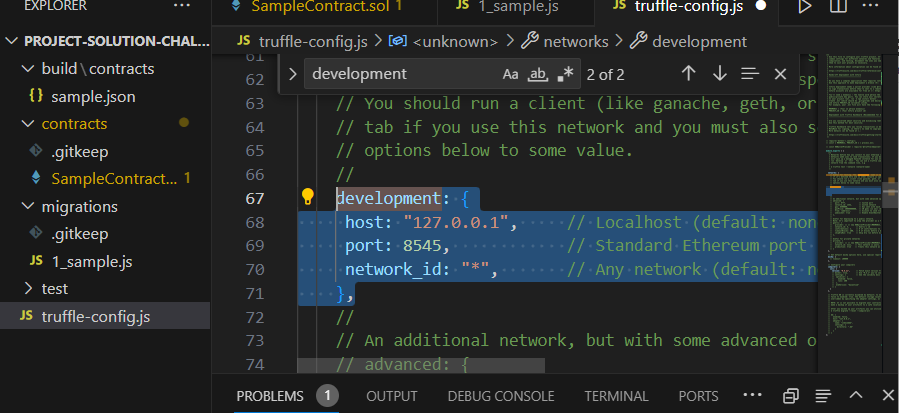
ABI and byte code get combined into a JSON file in ./build/sample.json

Migrating the smart contract

This means creating a script to deploy your smart contract on a network

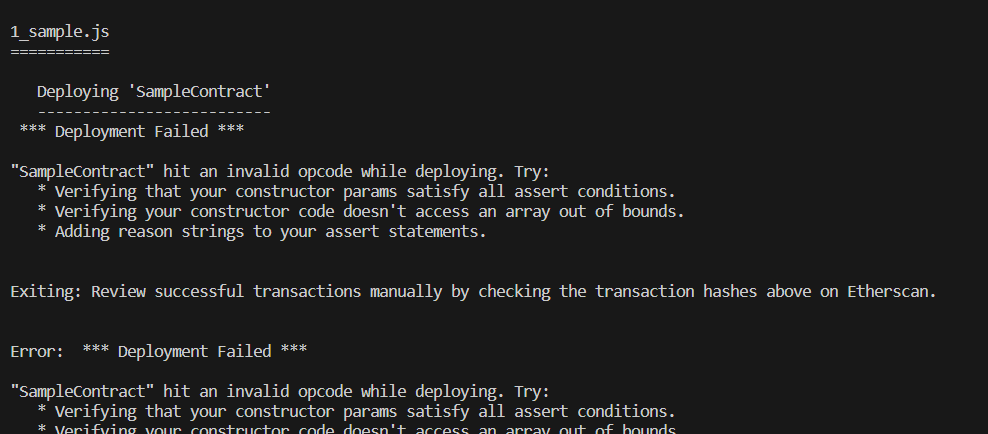


Deployment of smart contract on ganache



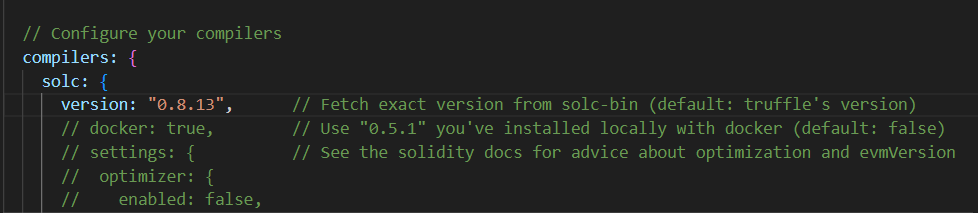
Uncomment the configration

Error :-

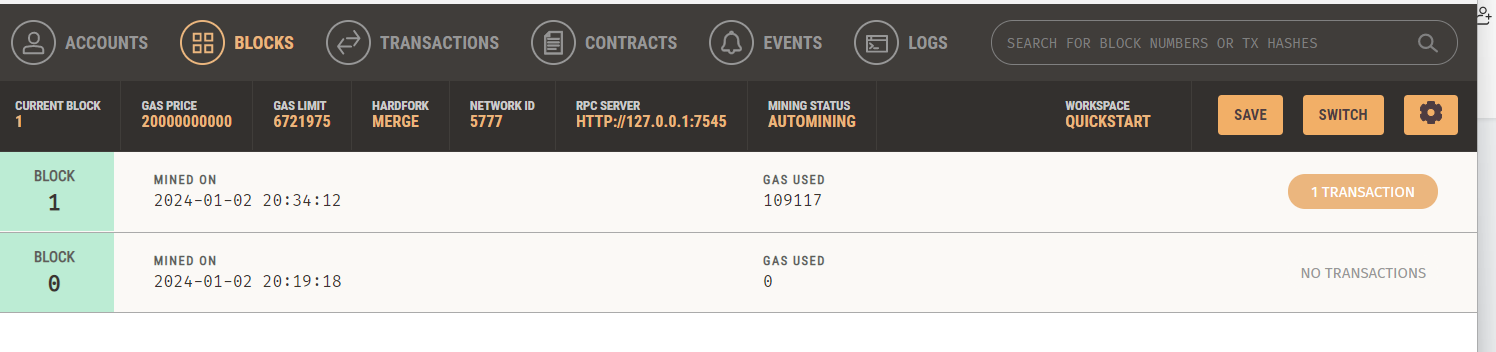


Solution :-

Downgrade Solidity compiler to 0.8.13 in truffle.js



Mined transaction in ganache



Result :- The Project is ready to develop Smart contract locally