

Create a folder and open it on VS code  
Run the below commands on VS code terminal -

Download Nodejs -  
node.js - <https://nodejs.org/en/download/>

Download Ganache -  
<https://trufflesuite.com/ganache/> (do not close ganache)

Download Truffle -  
npm install -g truffle  
truffle version

install "solidity" extension on VS  
"Tailwind CSS Intellisense"

truffle init (after this command, you will see folders like contracts, migrations, test getting created  
(In contracts add Bank.sol)

(if truffle init does not work, use truffle console)

On Ganache -  
-> Quickstart -> Contracts -> Link Truffle Projects  
Add truffle-config.js file -> Save and restart

On VS code -  
truffle console  
compile (it should create a folder "build" with Bank.json file)

(On Ganache, after compiling “Bank” contract would be seen

NAME	ADDRESS	TX COUNT
Bank	Not Deployed	0

Now add js file in migrations

truffle migrate --reset

```
Compiling your contracts...
=====
> Compiling .\contracts\bt2.sol
> Artifacts written to C:\Users\nidhi\OneDrive - Society for Computer Technology & Research's\Desktop\bank_demo\build\contracts
> Compiled successfully using:
  - solc: 0.8.17+commit.8df45f5f.Emscripten.clang

Starting migrations...
=====
> Network name:  'ganache'
> Network id:    5777
> Block gas limit: 6721975 (0x6691b7)

1_ Bank_bt2.js
=====

Deploying 'Bank'
-----
> transaction hash:  0x1bde29e8c5f8d84c016e9773d400f9ccbd1920456426e0ac18dda6fef940d5f7
> Blocks: 0
> contract address: 0xaf18C866dA0d66A0474518537b29dD5f8649dA11
> block number: 1
> block timestamp: 1668843529
> account: 0xD278B866d6cc23153ff29B79ddb4779fCa1e815f
> balance: 99.99222414
> gas used: 388793 (0x5eeb9)
> gas price: 20 gwei
> value sent: 0 ETH
> total cost: 0.00777586 ETH
```

Ganache

ACCOUNTS

BLOCKS

TRANSACTIONS

CONTRACTS

EVENTS

LOGS

SEARCH FOR BLOCK NUMBERS OR TX HASHES

CURRENT BLOCK  
1

GAS PRICE  
20000000000

GAS LIMIT  
6721975

HARDFORK  
MUIRGLACIER

NETWORK ID  
5777

RPC SERVER  
HTTP://127.0.0.1:7545

MINING STATUS  
AUTOMINING

WORKSPACE  
QUICKSTART

SAVE

SWITCH

bank\_demo

C:\Users\nidhi\OneDrive - Society for Computer Technology & Research\Desktop\bank\_demo

NAME	ADDRESS	TX COUNT	
Bank	0xaf18C866dA0d66A0474518537b29dD5f8649dA11	0	DEPLOYED