2) How to Write and Compile a Solidity Smart Contract file using  
Truffle?

Ans🡪 To write solidity smart contract files using truffle here are the steps

First we will create directory and get into that directory

$mkdir metacoin

$cd metacoin

We have two option we can create bare project without any file and but we have no experience so we can use truffle box , we can run a simple code

$truffle unbox metacoin

This will create project directory file as follows

Contract –This file contains solidity files

Migration—This file contains scriptable file

Test –

Truffle-config.js

We can open this files in vscode and write the smart according to your project.

Now we will compile smart to do so we run a simple command as follows

$truffle compile

And to migrate the contract we will run the simple command

$truffle migrate

And to run in a specific environment

$truffle migrate –live network