

Front End

Name : Munirah Alsharif

```
npm
Microsoft Windows [Version 10.0.19041.867]
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C:\Users\munir>cd Desktop

C:\Users\munir\Desktop>cd CodingDojoWeek6
The system cannot find the path specified.

C:\Users\munir\Desktop>cd BootCampBlockchain\CodingDojoWeek6

C:\Users\munir\Desktop\BootCampBlockchain\CodingDojoWeek6> Mkdir WebpackTest

C:\Users\munir\Desktop\BootCampBlockchain\CodingDojoWeek6>cd WebpackTest

C:\Users\munir\Desktop\BootCampBlockchain\CodingDojoWeek6\WebpackTest>truffle unbox webpack

Starting unbox...
=====
✓ Preparing to download box
✓ Downloading
```

Figure 1/ first mkdir webpackTest then write "truffle unbox webpack"

```
Command Prompt

✓ Cleaning up temporary files
✓ Setting up box

Unbox successful, sweet!

Commands:

Compile:      truffle compile
Migrate:      truffle migrate
Test contracts: truffle test
Run dev server: cd app && npm run dev
Build for production: cd app && npm run build

C:\Users\munir\Desktop\BootCampBlockchain\CodingDojoWeek6\WebpackTest>
```

Figure 2/ ubox successfully ✓

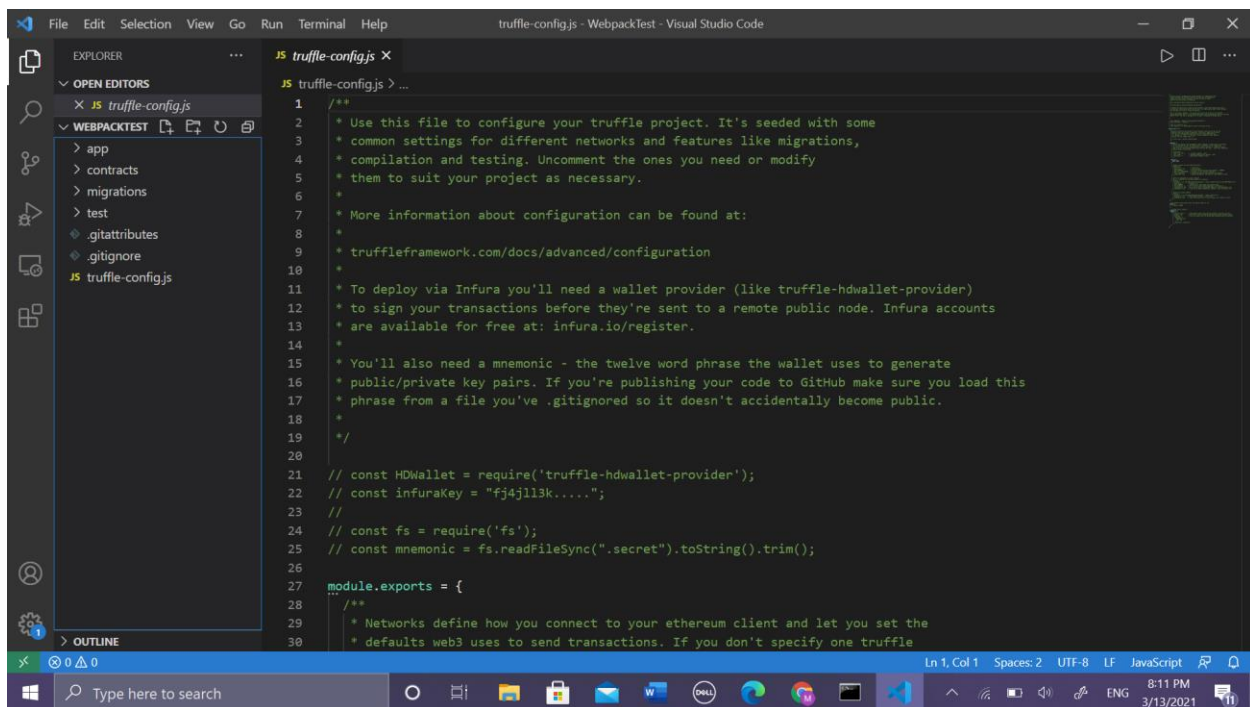
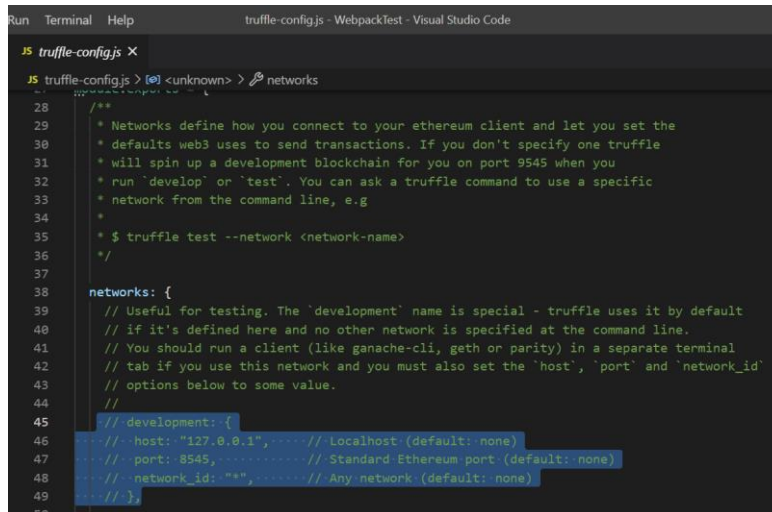


Figure 3/ open folder "webpackTest" on VS

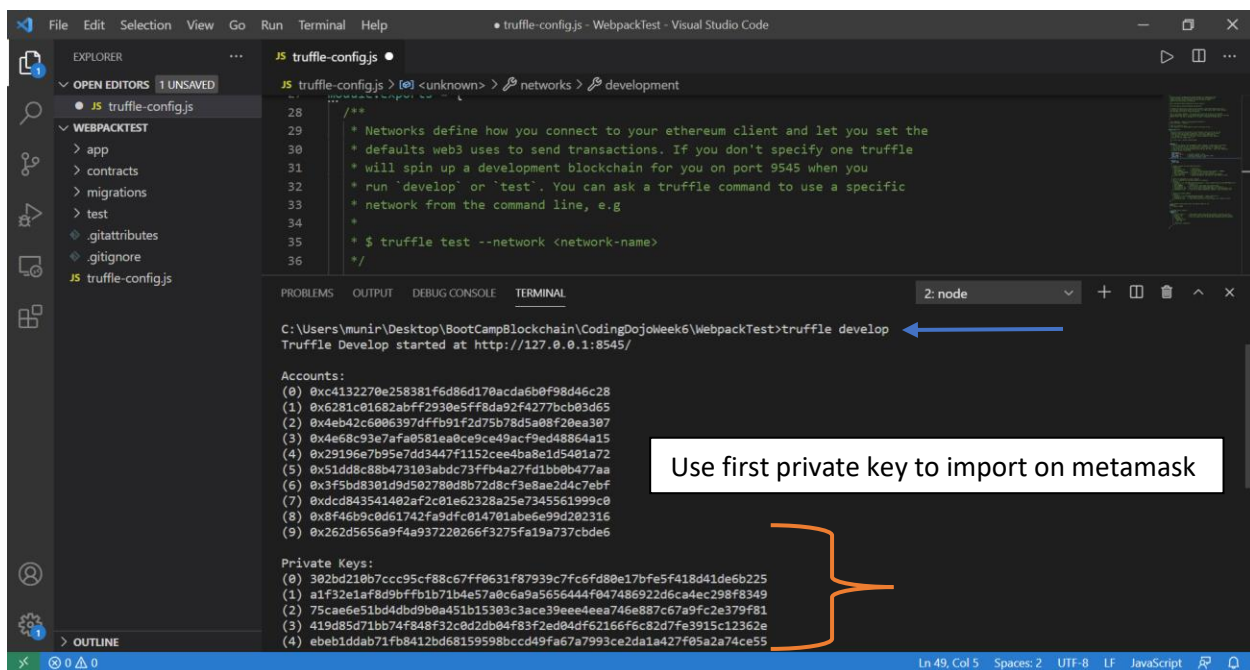
Front End

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```
JS truffle-config.js X
JS truffle-config.js > [0] <unknown> > networks
28 /**
29  * Networks define how you connect to your ethereum client and let you set the
30  * defaults web3 uses to send transactions. If you don't specify one truffle
31  * will spin up a development blockchain for you on port 9545 when you
32  * run 'develop' or 'test'. You can ask a truffle command to use a specific
33  * network from the command line, e.g
34  *
35  * $ truffle test --network <network-name>
36  */
37
38 networks: {
39   // Useful for testing. The 'development' name is special - truffle uses it by default
40   // if it's defined here and no other network is specified at the command line.
41   // You should run a client (like ganache-cli, geth or parity) in a separate terminal
42   // tab if you use this network and you must also set the 'host', 'port' and 'network_id'
43   // options below to some value.
44   //
45   // development: {
46     // host: "127.0.0.1", // Localhost (default: none)
47     // port: 8545, // Standard Ethereum port (default: none)
48     // network_id: "*", // Any network (default: none)
49   },
50 }
```

Figure 4/ remove the comment for this lines



```
File Edit Selection View Go Run Terminal Help
truffle-config.js - WebpackTest - Visual Studio Code

JS truffle-config.js
JS truffle-config.js > [0] <unknown> > networks > development
28 /**
29  * Networks define how you connect to your ethereum client and let you set the
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32  * run 'develop' or 'test'. You can ask a truffle command to use a specific
33  * network from the command line, e.g
34  *
35  * $ truffle test --network <network-name>
36  */

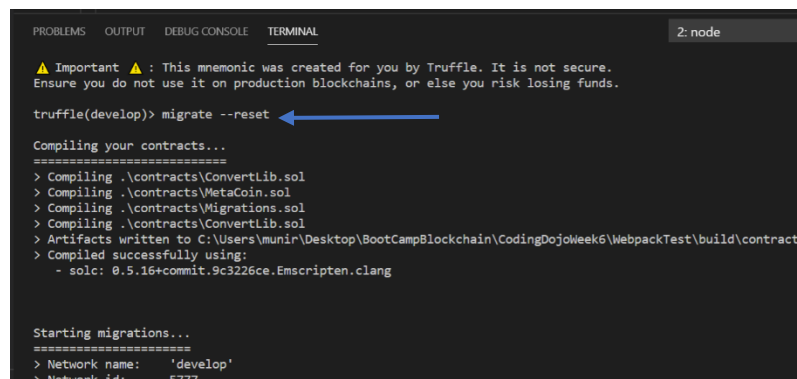
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
2: node
C:\Users\munir\Desktop\BootCampBlockchain\CodingDojoWeek6\WebpackTest>truffle develop
Truffle Develop started at http://127.0.0.1:8545/

Accounts:
(0) 0xc4132270e258381f6d86d170acda6b0f98d46c28
(1) 0x6281c01682abff2930e5ff8da92f4277bcb03d65
(2) 0x4eb42c6006397dffb91f2d75b78d5a08f20ea307
(3) 0x4e68c93e7afa0581ea0ce9ce49acf9ed48864a15
(4) 0x29196e7b95e7dd3447f1152cae4ba8e1d5401a72
(5) 0x51dd8c88b473103abdc73ffb4a27fd1bb0b477aa
(6) 0x3f5bd8301d9d502780d8b72d8cf9e8ae2d4c7ebf
(7) 0xdcd843541402af2c01e62328a25e7345561999c0
(8) 0x8f46b9c0d61742fa9dfc014701abe6e99d202316
(9) 0x262d5656a9f4a937220266f3275fa19a737cbde6

Private Keys:
(0) 302bd210b7ccc95cf88c67ff0631f87939c7fc6fd80e17bfe5f418d41de6b225
(1) a1f32e1af8d9bfb1b71b4e57a0c6a9a5656444f047486922d6ca4ec298f8349
(2) 75cae651bd4dbd9b0a451b15303c3ace39eee4eea746e887c67a9fc2e379f81
(3) 419d85d71bb74f848f32c0d2db04f83f2ed04df62166f6c82d7fe3915c12362e
(4) ebeb1ddab71fb8412bd68159598bccd49fa67a7993ce2da1a427f05a2a74ce55

Use first private key to import on metamask
```

Figure 5/ write "truffle develop" to work on truffle network



```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
2: node

⚠ Important ⚠: This mnemonic was created for you by Truffle. It is not secure.
Ensure you do not use it on production blockchains, or else you risk losing funds.

truffle(develop)> migrate --reset

Compiling your contracts...
=====
> Compiling .\contracts\ConvertLib.sol
> Compiling .\contracts\MetaCoin.sol
> Compiling .\contracts\Migrations.sol
> Compiling .\contracts\ConvertLib.sol
> Artifacts written to C:\Users\munir\Desktop\BootCampBlockchain\CodingDojoWeek6\WebpackTest\build\contracts
> Compiled successfully using:
  - solc: 0.5.16+commit.9c3226ce.Emscripten.clang

Starting migrations...
=====
> Network name: 'development'
> Network id: 5777
```

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```
npm
C:\Users\munir\Desktop\BootCampBlockchain\CodingDojoWeek6>cd webpackTest
C:\Users\munir\Desktop\BootCampBlockchain\CodingDojoWeek6\WebpackTest>cd app
C:\Users\munir\Desktop\BootCampBlockchain\CodingDojoWeek6\WebpackTest\app>npm run dev
> app@1.0.0 dev C:\Users\munir\Desktop\BootCampBlockchain\CodingDojoWeek6\WebpackTest\app
> webpack-dev-server

i [Dwds]: Project is running at http://localhost:8080/
i [Dwds]: webpack output is served from /
i [Dwds]: Content not from webpack is served from C:\Users\munir\Desktop\BootCampBlockchain\CodingDojoWeek6\WebpackTest\app\dist
i [Dwds]: Hash: 2951013132c115e090c4
Version: webpack 4.41.2
Time: 1179ms
Built at: 03/13/2021 8:43:01 PM
    Asset      Size  Chunks             Chunk Names
index.html  879 bytes               [emitted]
index.js    2.43 MiB          main [emitted] main
Entrypoint main = index.js
[0] multi (webpack)-dev-server/client?http://localhost:8080 ./src/index.js 40 bytes {main} [built]
[./build/contracts/MetaCoin.json] 106 KiB {main} [built]
[./node_modules/ansi-html/index.js] 4.16 KiB {main} [built]
[./node_modules/html-entities/index.js] 231 bytes {main} [built]
[./node_modules/web3/src/index.js] 2.01 KiB {main} [built]
[./node_modules/webpack-dev-server/client/index.js?http://localhost:8080] (webpack)-dev-server/client?http://localhost:8080 4.29 KiB {main} [built]
[./node_modules/webpack-dev-server/client/overlay.js] (webpack)-dev-server/client/overlay.js 3.51 KiB {main} [built]
[./node_modules/webpack-dev-server/client/socket.js] (webpack)-dev-server/client/socket.js 1.53 KiB {main} [built]
[./node_modules/webpack-dev-server/client/utils/createSocketUrl.js] (webpack)-dev-server/client/utils/createSocketUrl.js 2.89 KiB {main} [built]
[./node_modules/webpack-dev-server/client/utils/log.js] (webpack)-dev-server/client/utils/log.js 964 bytes {main} [built]
[./node_modules/webpack-dev-server/client/utils/reloadApp.js] (webpack)-dev-server/client/utils/reloadApp.js 1.59 KiB {main} [built]
[./node_modules/webpack-dev-server/client/utils/sendMessage.js] (webpack)-dev-server/client/utils/sendMessage.js 402 bytes {main} [built]
[./node_modules/webpack-dev-server/node_modules/strip-ansi/index.js] (webpack)-dev-server/node_modules/strip-ansi/index.js 161 bytes {main} [built]
[./node_modules/webpack/hot sync ^\\.\\.\\/log$] (webpack)/hot sync nonrecursive ^\\.\\.\\/log$ 170 bytes {main} [built]
[./src/index.js] 2.08 KiB {main} [built]
+ 350 hidden modules
i [Dwds]: Compiled successfully.
```

Figure 6/ on cmd inside app folder write "npm run dev"

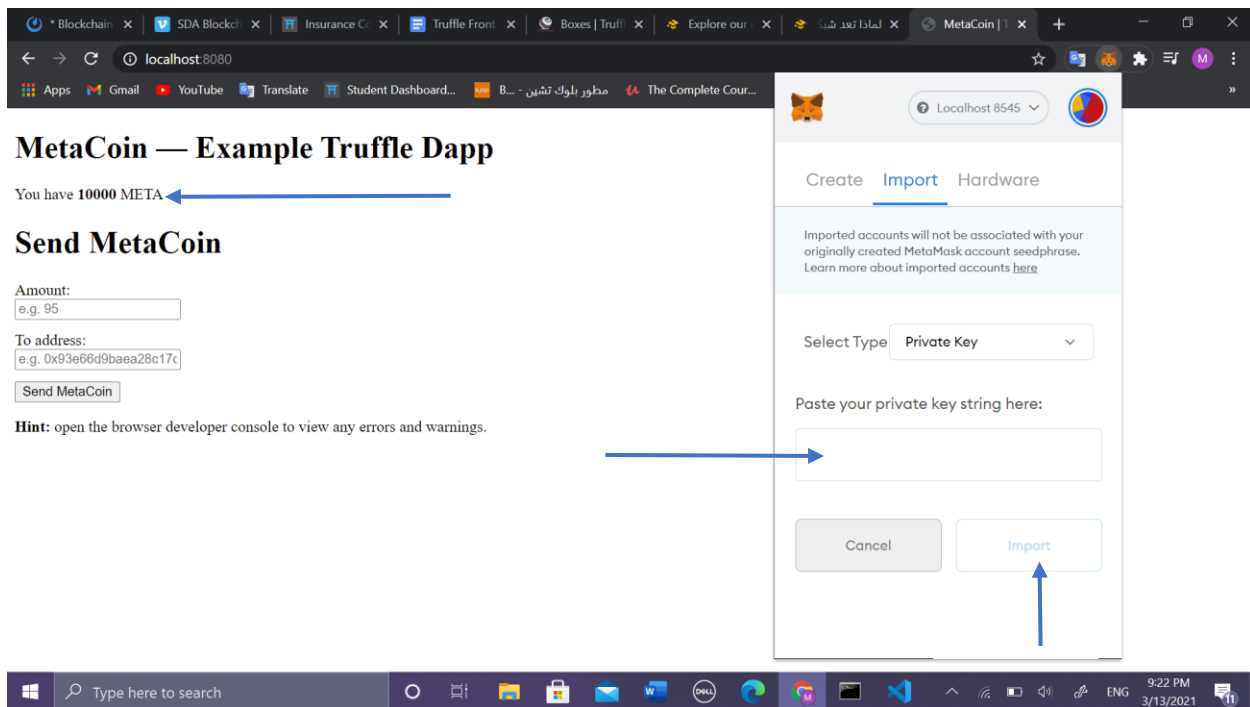


Figure 7/ open the url and this page will appear should be connected to metamask by click on import button then copy the first private key see Figure5 and paste after that click on Import , then will connected

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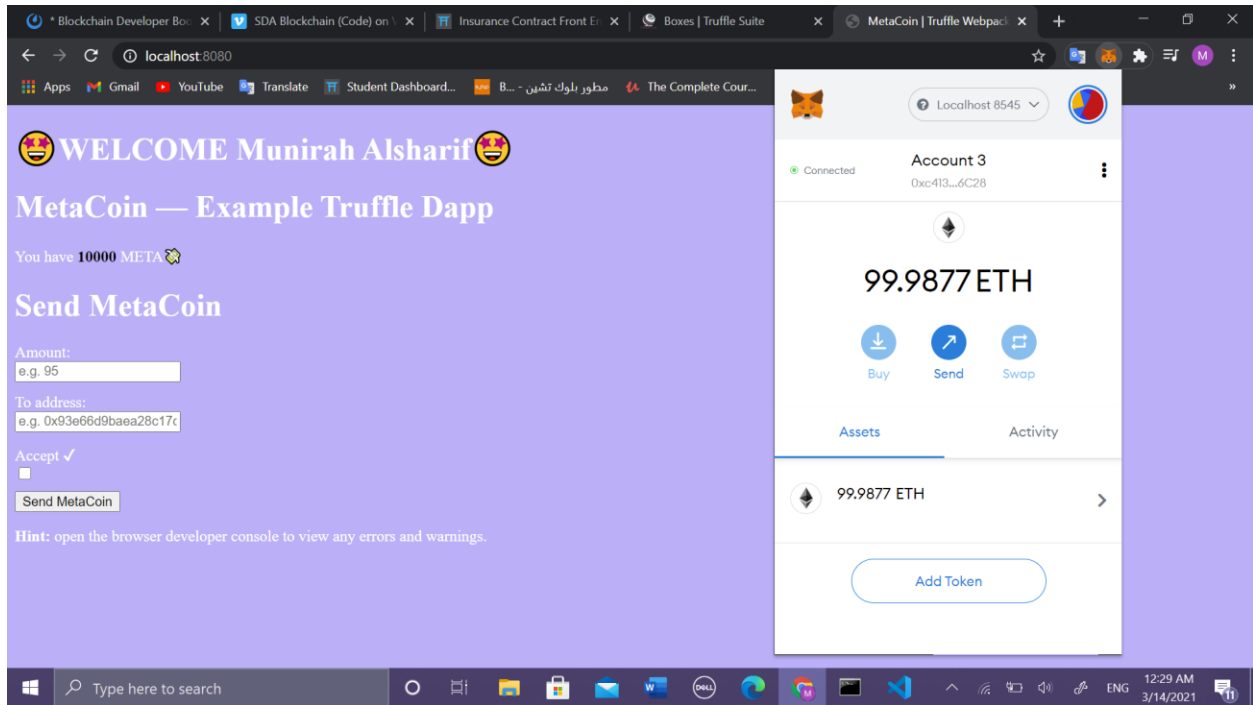


Figure 8/ this is final result after editing in html code

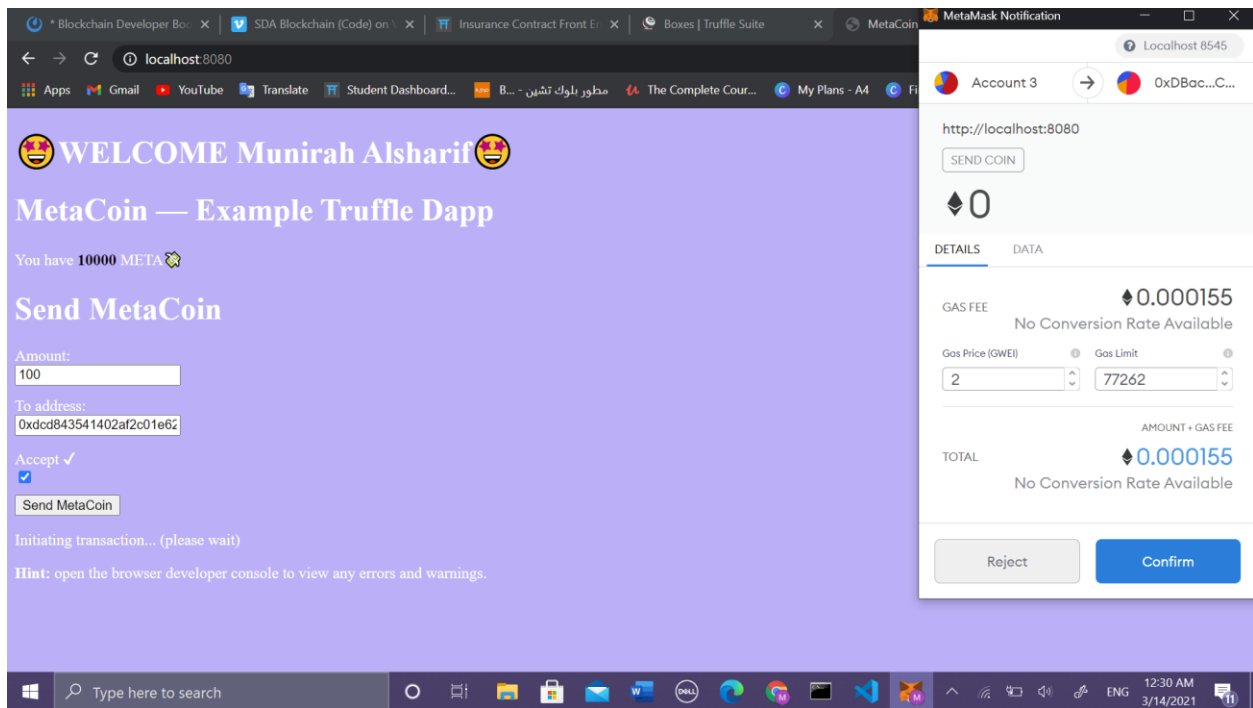


Figure 9/ try to send