Assignment- I

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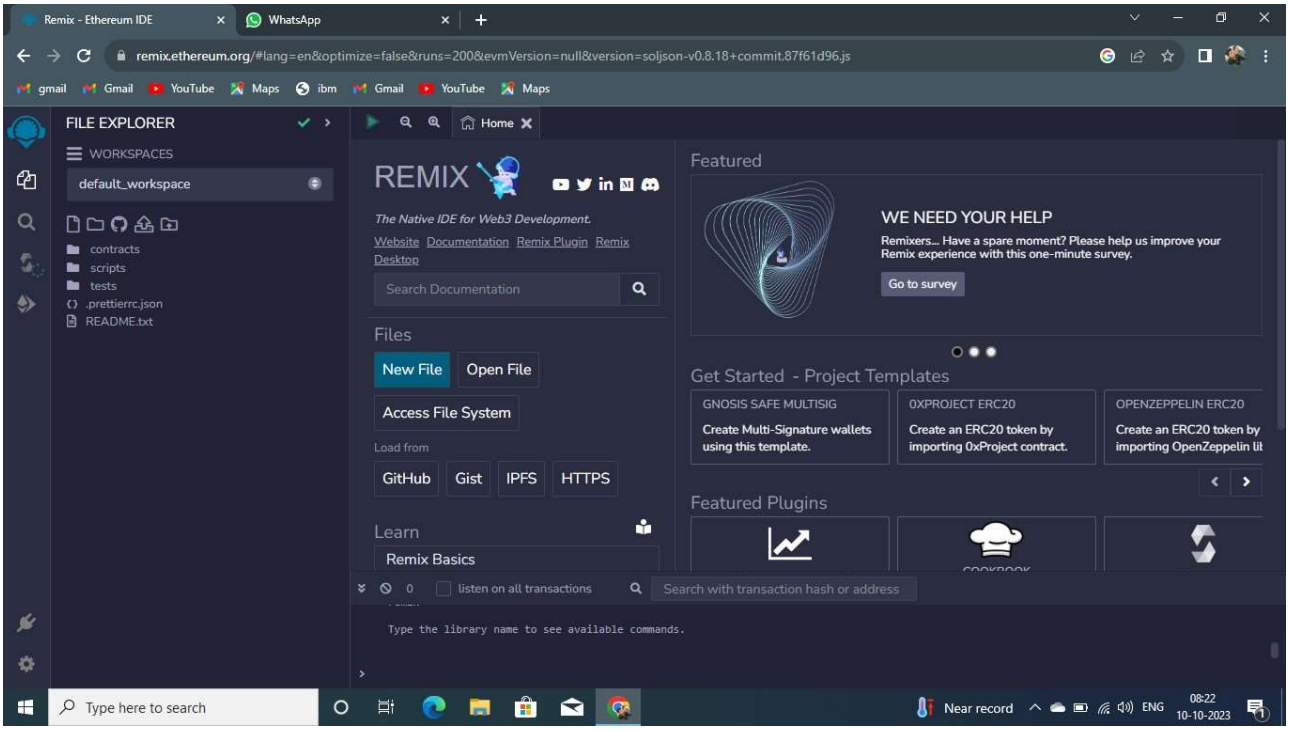
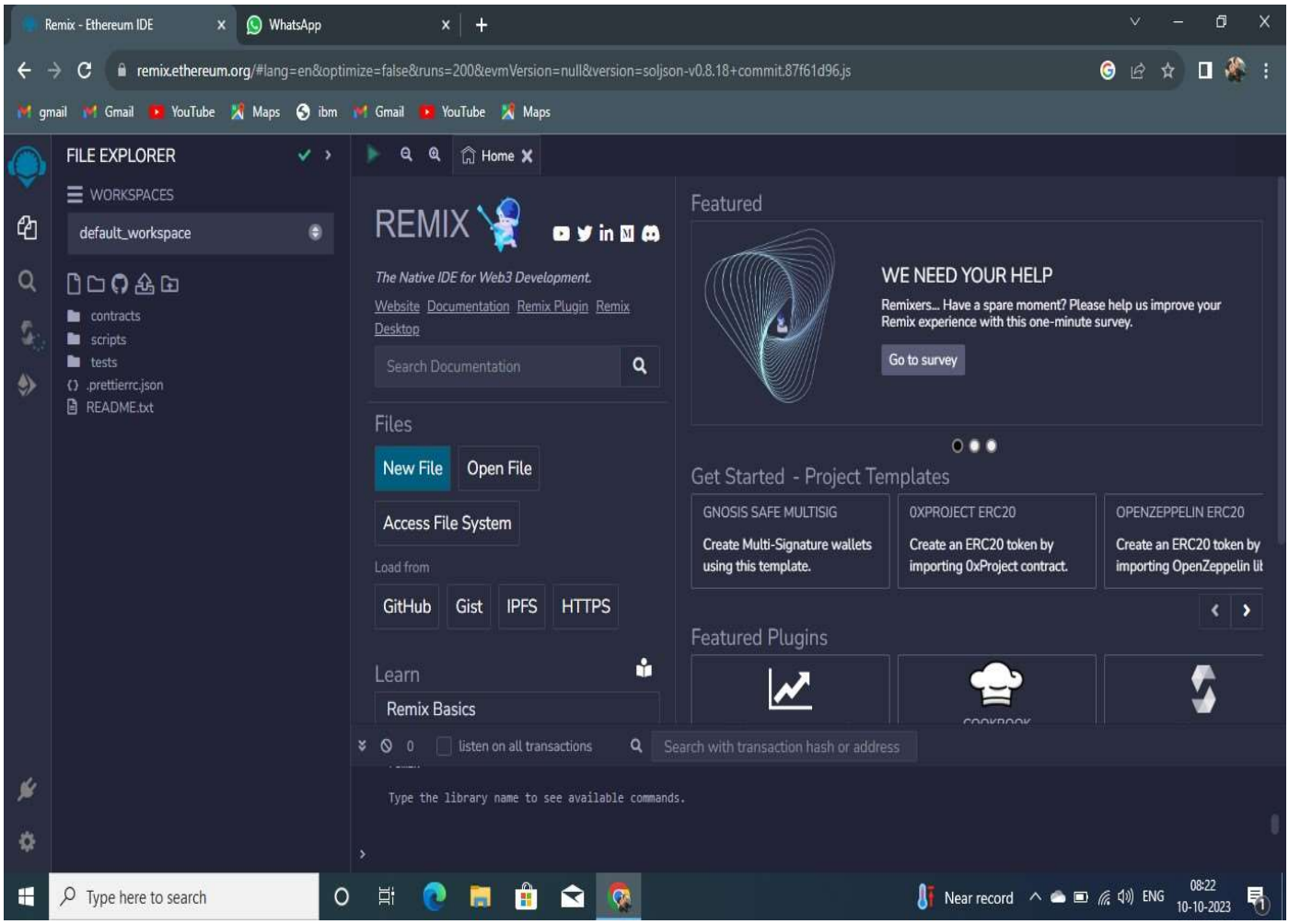
PROJECT NAME:	Digital Asset Management on the Ethereum Blockchain
NM ID:	

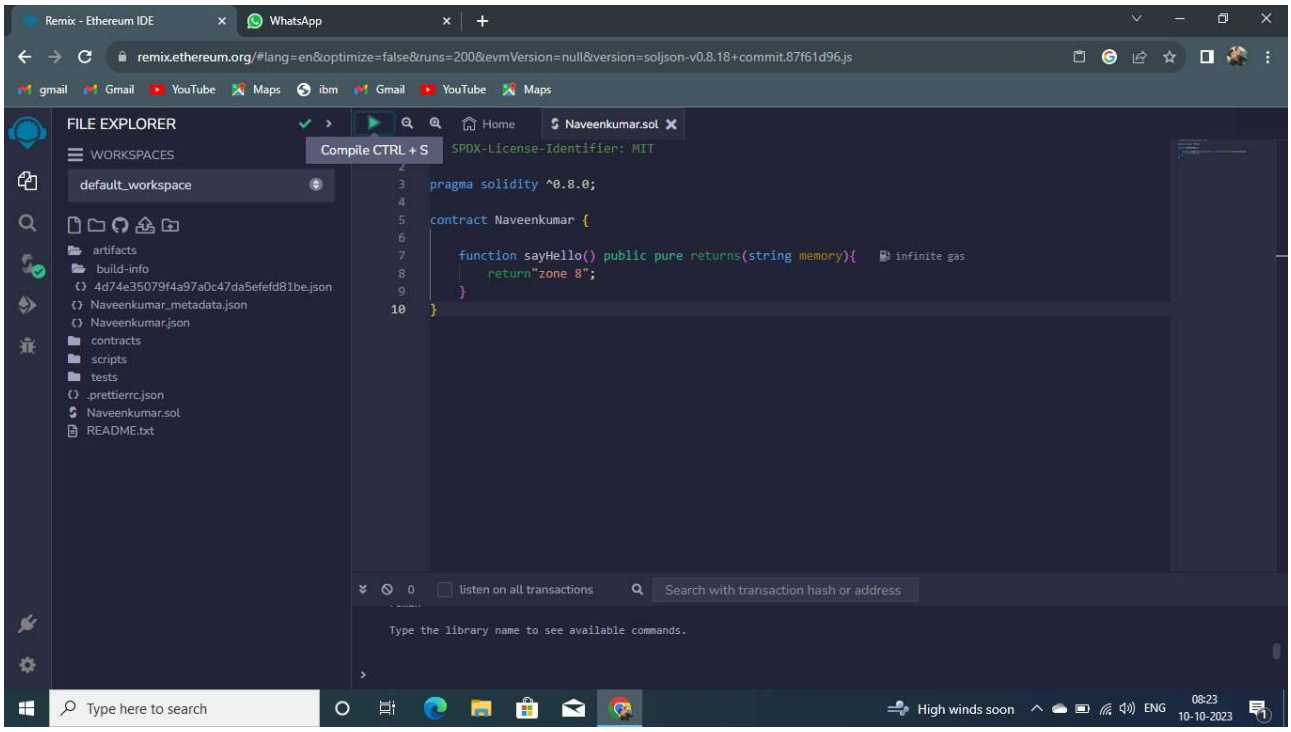
1.Go to the chrome and open remix platform



2.Open the remix page and create a new file


Remix - Ethereum IDE
WhatsApp
remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.18+commit.87f61d96.js
gmail
Gmail
YouTube
Maps
ibm
Gmail
YouTube
Maps
FILE EXPLORER
WORKSPACES
default_workspace
contracts
scripts
tests
.prettierrc.json
README.txt
Home
REMIX
The Native IDE for Web3 Development.
Website Documentation Remix Plugin Remix Desktop
Search Documentation
Files
New File
Open File
Access File System
Load from
GitHub
Gist
IPFS
HTTPS
Learn
Remix Basics
Featured
WE NEED YOUR HELP
Remixers... Have a spare moment? Please help us improve your Remix experience with this one-minute survey.
Go to survey
Get Started - Project Templates
GNOSIS SAFE MULTISIG
Create Multi-Signature wallets using this template.
0XPROJECT ERC20
Create an ERC20 token by importing 0xProject contract.
OPENZEPPELIN ERC20
Create an ERC20 token by importing OpenZeppelin lit
Featured Plugins
listen on all transactions
Search with transaction hash or address
Type the library name to see available commands.
Type here to search
Near record
ENG
08:22
10-10-2023

3. In that newly created file, create a program to return your string, "Zone name"



4. Save the program and compile it to get the ABI and Bytecode

ABI:

```
[
   {
      "inputs": [],
      "name": "sayHello",
      "outputs": [
            {
                  "internalType": "string",
                  "name": "",
                  "type": "string"
            }
      ],
      "stateMutability": "pure",
      "type": "function"
   } ]
```

Bytecode:

6080604052348015610010576000 80fd5b506101738061002060003960 00f3fe6080604052348015610010576000 80fd5b506004361061002b5760003560 e01c8063ef5fb05b14610030575b600080 fd5b61003861004e565b6040516100459 19061011b565b60405180910390f35b 606060405180604001604052806006815 26020017f7a6f6e65203800000000000 00000000000000000000000000000000 00000000000000000000000000000 00000000815250905090565b600081519 050919050565b60008282602082019 050929150505 65b60005b838110156100c5578082015181840152602081019 0506100aa565b60008484015250505050565b6000601f19601f830116905091 9050565b60006100ed8261008b565b6100f781856100965b9350610107818 5602086016100a7565b610110816100d1565b840191505092915050565b6000 602082019050818103600083015261013581846100e2565b90509291505056fe a2646970667358221220 5e0cb7a8223c51cc63a0d7887ee4d1482d7619e4b13 de63bca1a4259b7e9e6cc64736f6c63430008120033

5.Finally Deploy it to display the output