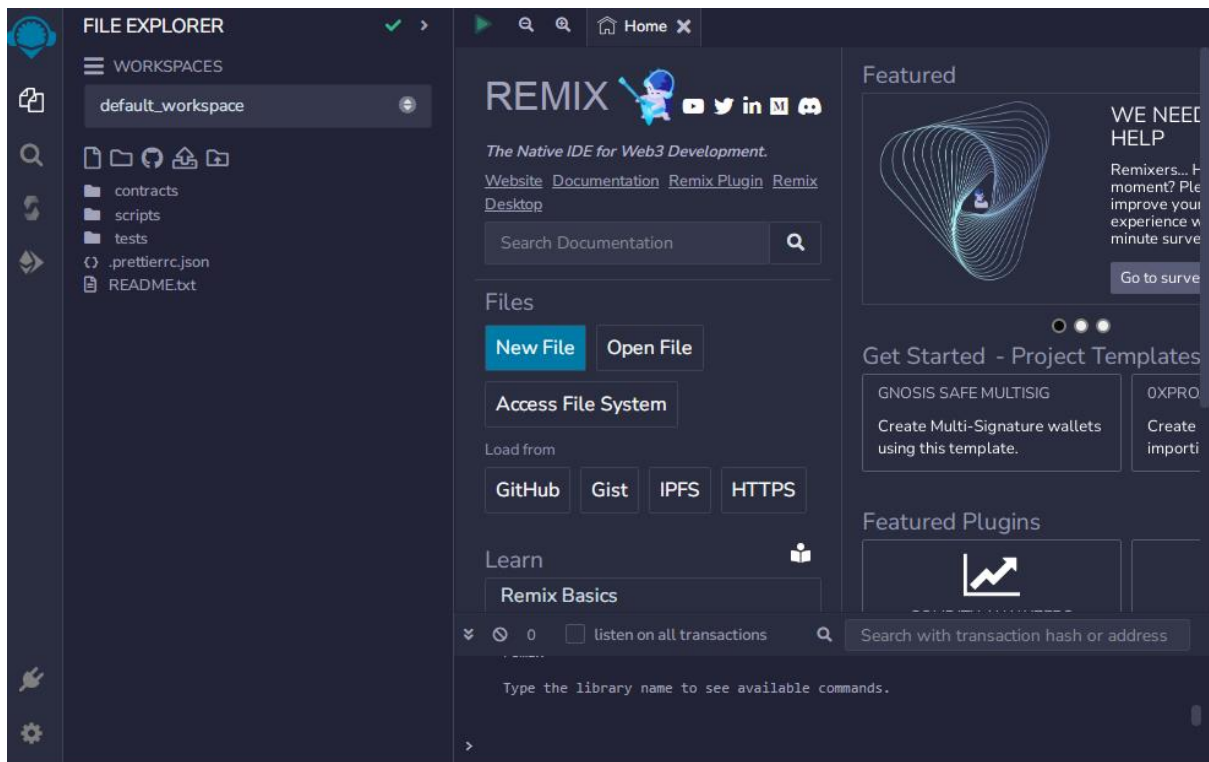


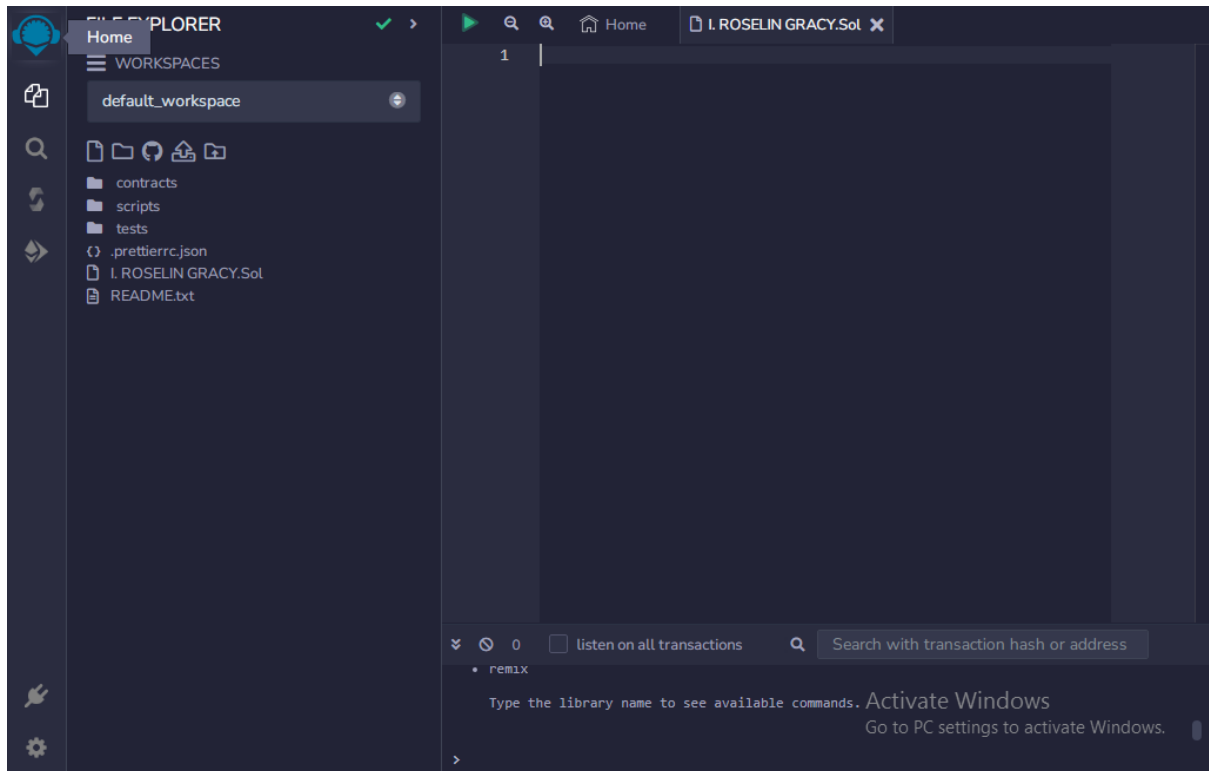
REGISTER NUMBER	412720106010
STUDENT NAME	I.ROSELINGRACY
COURSE NAME	BLOCK CHAIN
ZONE	4
COLLEGE NAME	TAGORE ENGINEERING COLLEGE

ASSIGNMENT-1

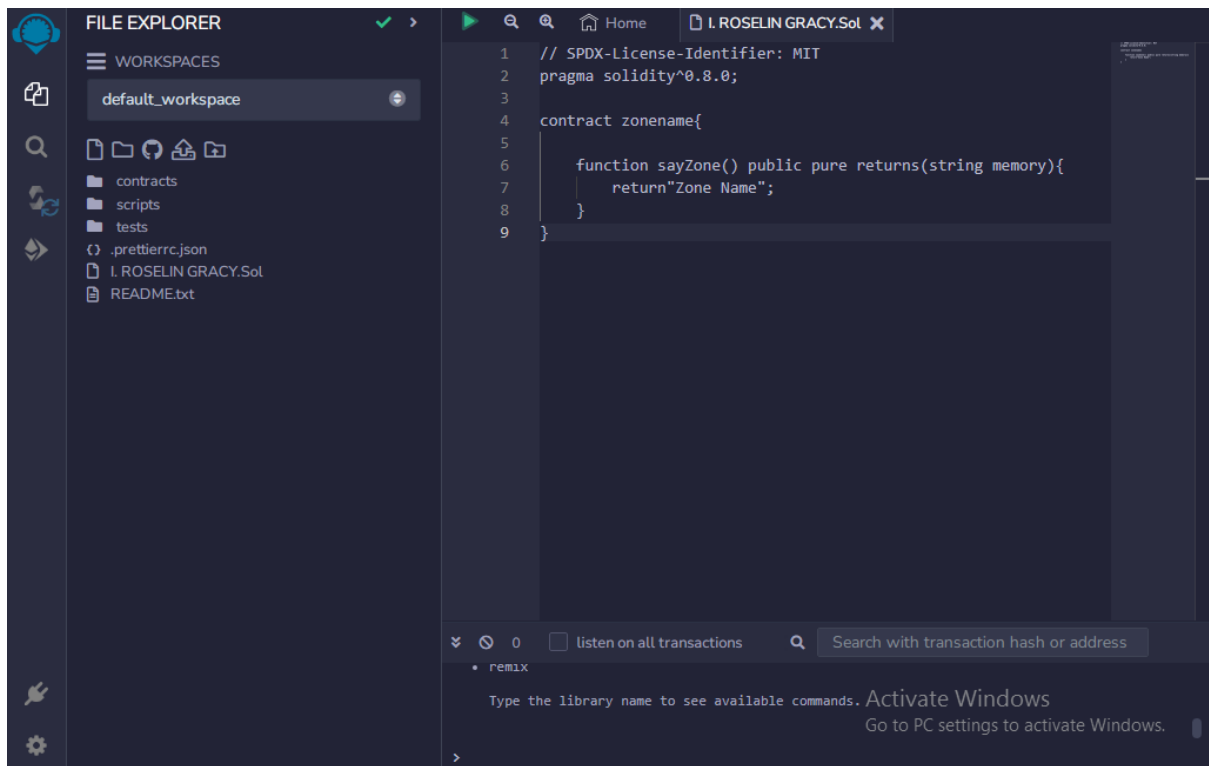
STEP1: Go to the chrome and open remix platform



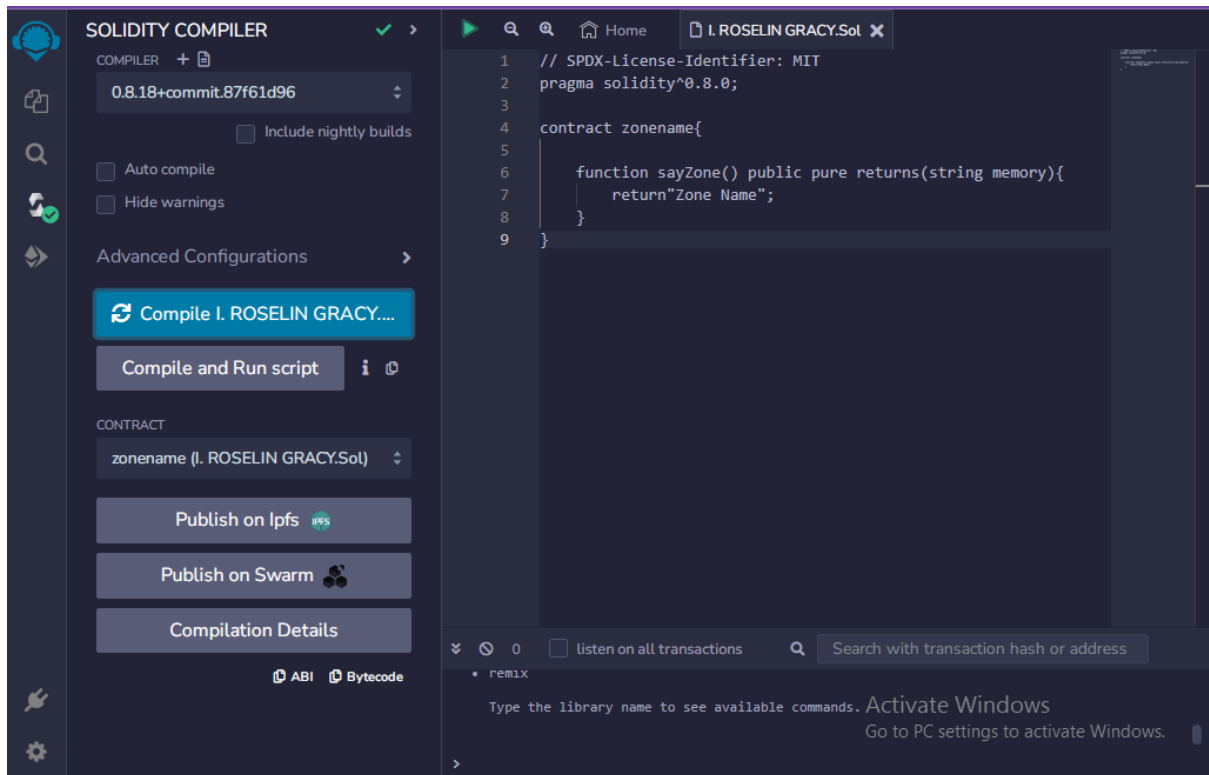
STEP2: Create a new file



STEP3: In that newly created file, create a program to return your string, "Zone name"



STEP4: Compilation&Get the ABI and BYTECODE



ABI:

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

BYTECODE:

[illegible]

261008b565b6100f78185610096565b93506101078185602086016100a7565b610110816100d1565b8401915
05092915050565b6000602082019050818103600083015261013581846100e2565b90509291505056fea2646
9706673582212200251a7270484f9ac434c6e02865a066a90489c88031ad3a61e7e89b4bffaee3964736f6c634
30008120033

STEP5:DEPLOYMENT

The screenshot displays the Remix IDE interface during the deployment of a Solidity contract. The left sidebar contains the 'DEPLOY & RUN TRANSACTIONS' panel, which includes fields for 'ACCOUNT' (0x5B3...eddC4), 'GAS LIMIT' (3000000), 'VALUE' (0 Wei), and 'CONTRACT' (zonename - I. ROSELIN GRACY.Sol). A 'Deploy' button is visible, along with options for 'Publish to IPFS' and 'At Address'. Below these are sections for 'Transactions recorded' and 'Deployed Contracts'. The main editor shows the Solidity code for the 'zonename' contract, which includes a pragma statement for Solidity 0.8.0 and a function 'sayZone' that returns 'Zone Name'. The bottom status bar indicates a successful deployment: '[vm] from: 0x5B3...eddC4 to: zonename.(constructor) value: 0 wei data: 0x608...20033 logs: 0 hash: 0xa5d...10804'. A 'Debug' button is also present in the status bar.