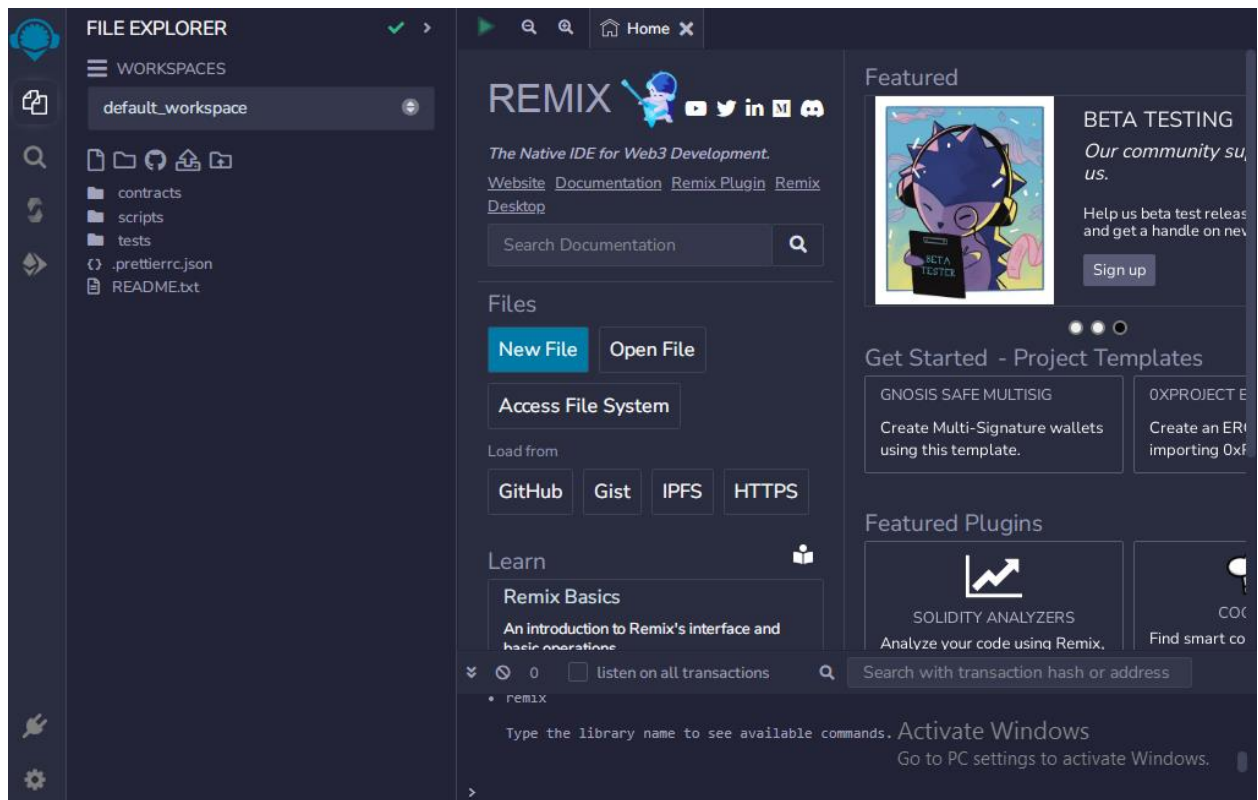


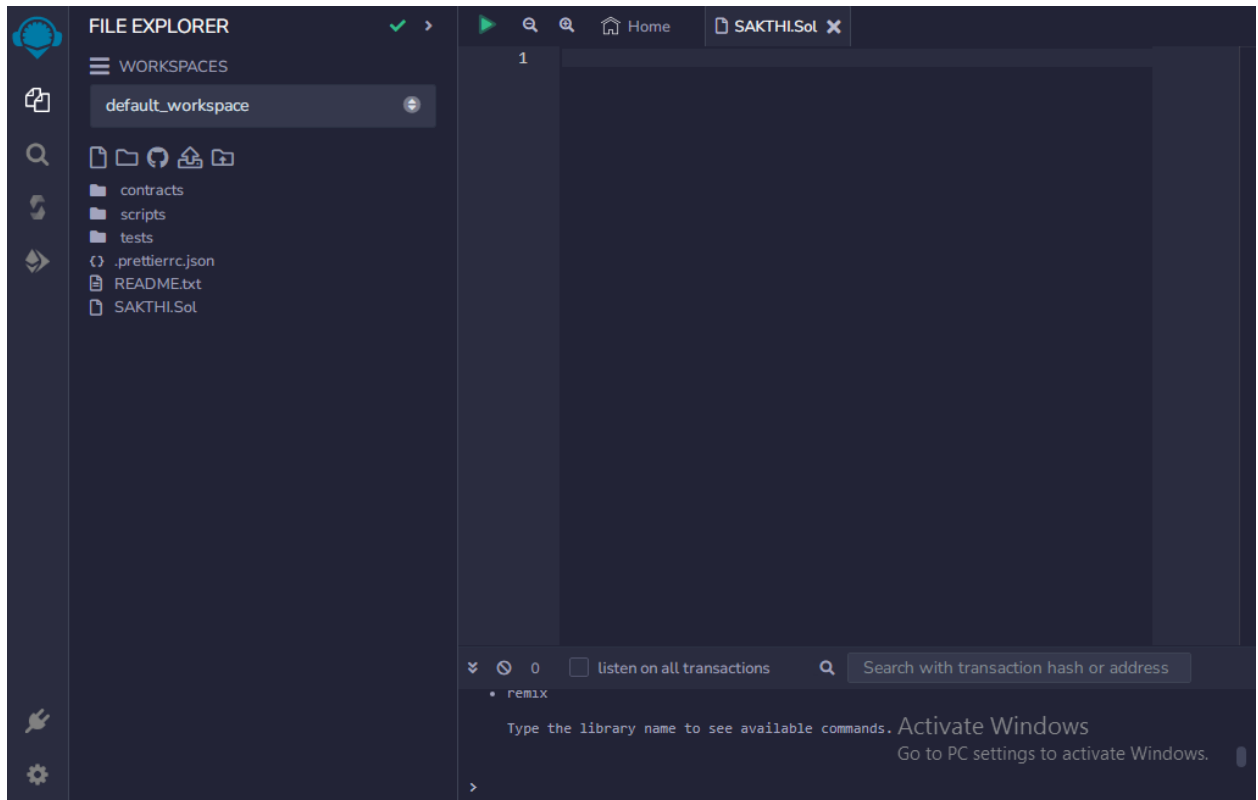
REGISTER NUMBER	412720106011
STUDENT NAME	SAKTHIVEL C
COURSE NAME	BLOCK CHAIN
ZONE	4
COLLEGE NAME	TAGORE ENGINEERING COLLEGE

ASSIGNMENT-1

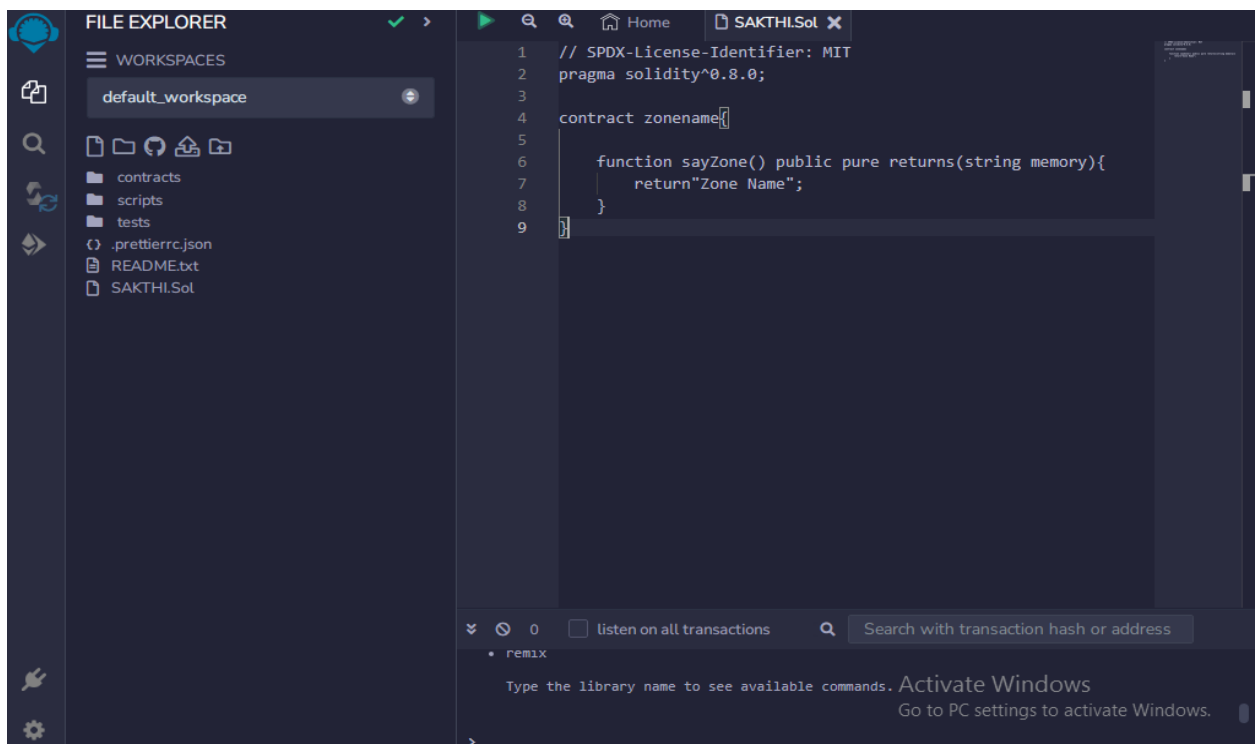
STEP1: Go to the chrome and open remix platform



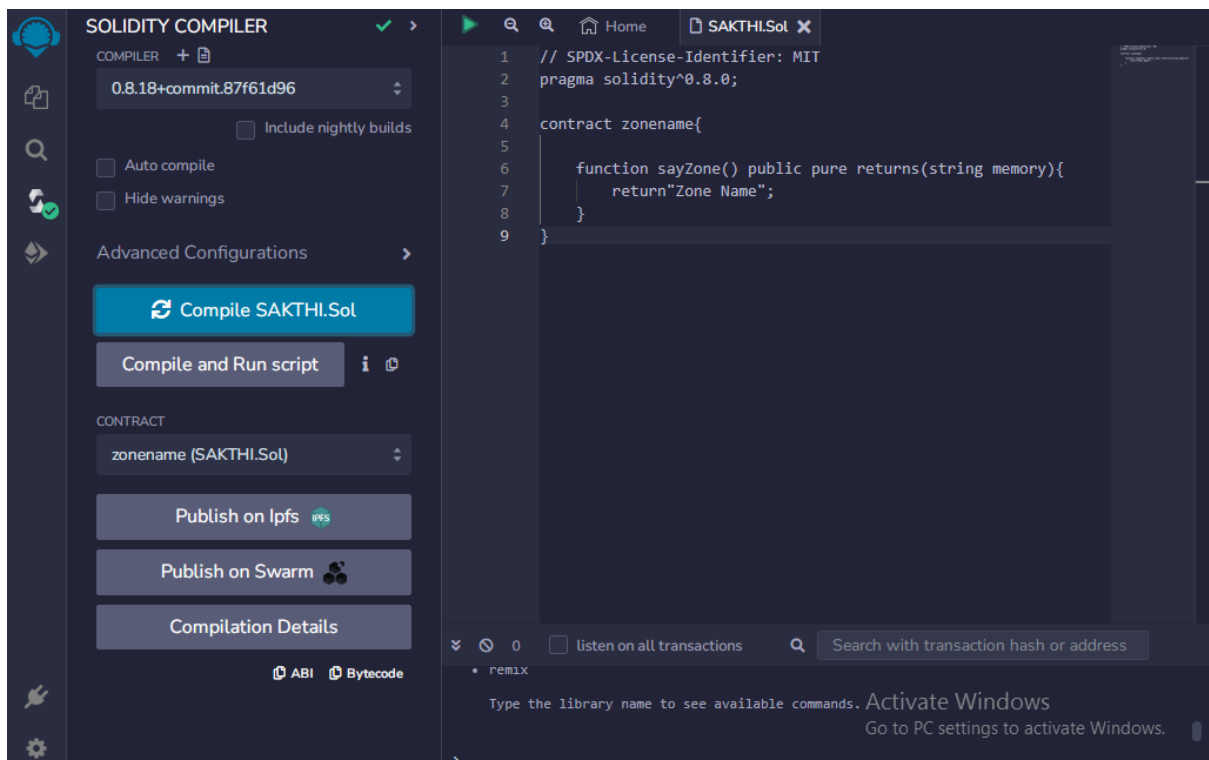
STEP2: Create a new file



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]

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 shows the contract name 'zonename - SAKTHI.Sol' and the EVM version 'paris'. The 'Deploy' button is highlighted. Below it, there is a section for 'Transactions recorded' and 'Deployed Contracts'. The 'Deployed Contracts' section shows the contract 'ZONENAME AT 0XD91...39138' with a balance of 0 ETH and a 'sayZone' button. The 'Low level interactions' section is also visible. The main editor area shows the Solidity code for the 'zonename' contract, which includes a 'sayZone' function that returns the string 'Zone Name'. The bottom status bar shows a successful deployment message: '[vm] from: 0x583...eddC4 to: zonename.(constructor) value: 0 wei data: 0x608...20033 logs: 0 hash: 0x9b5...285d1'. A 'Debug' button is also present in the status bar.

```
1 // SPDX-License-Identifier: MIT
2 pragma solidity^0.8.0;
3
4 contract zonename{
5
6     function sayZone() public pure returns(string memory){
7         return"Zone Name";
8     }
9 }
```