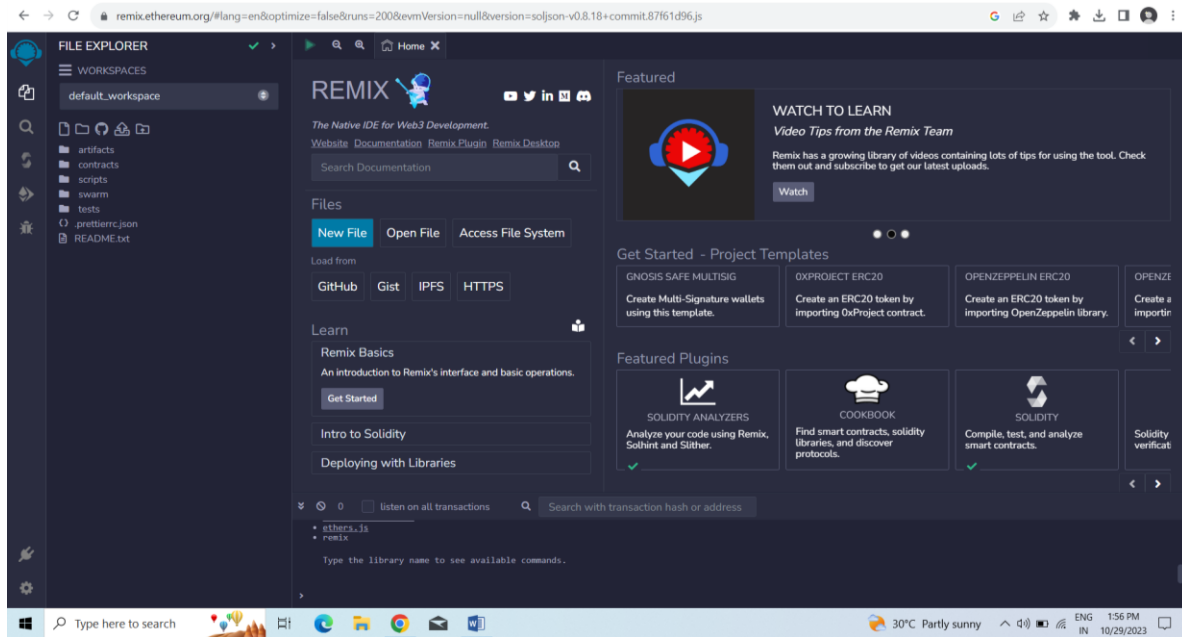
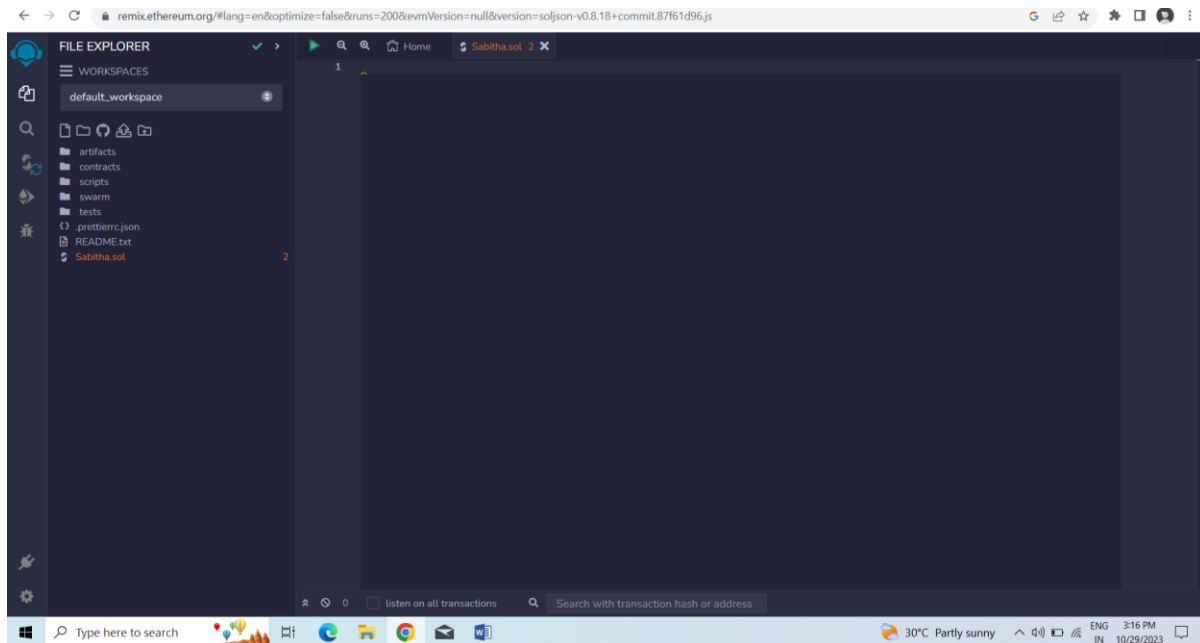


Assignment for Block Chain Technology

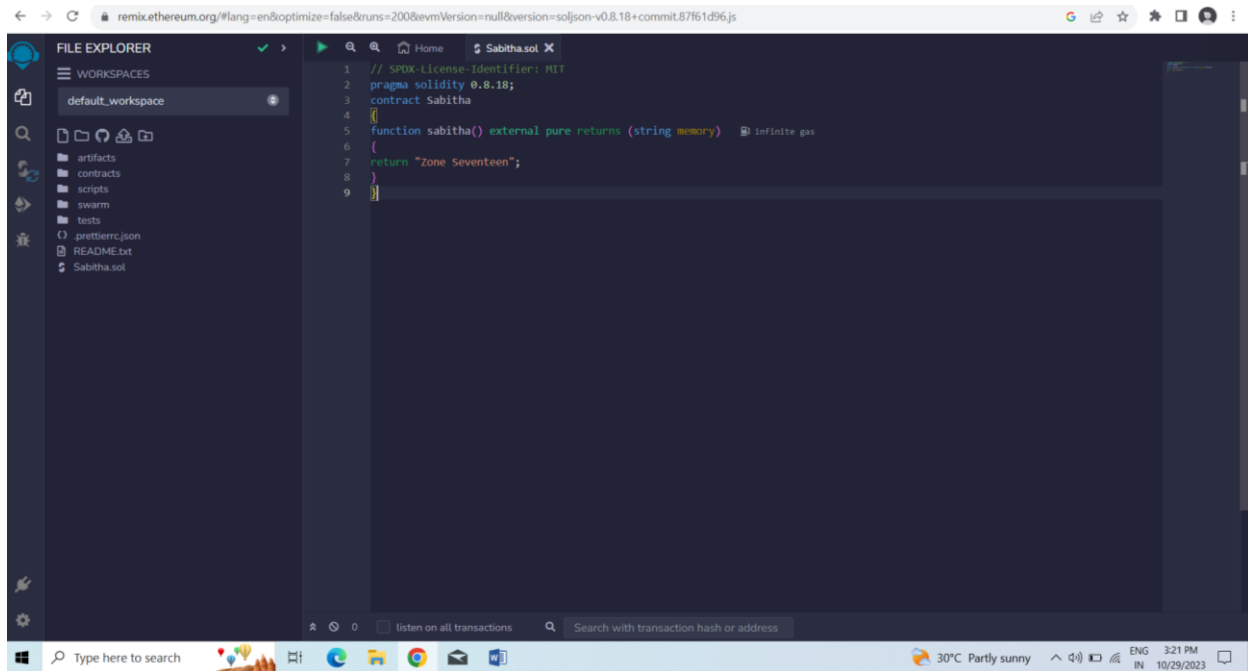
Step 1: Go to the Chrome and open remix platform



Step 2: Open the remix page and create the new file.



Step 3: Write the program to get the string “Zone name” in the newly created file.



Code:

```
// SPDX-License-Identifier: MIT
```

```
pragma solidity 0.8.18;
```

```
contract Sabitha
```

```
{
```

```
    function sabitha() external pure returns (string memory)
```

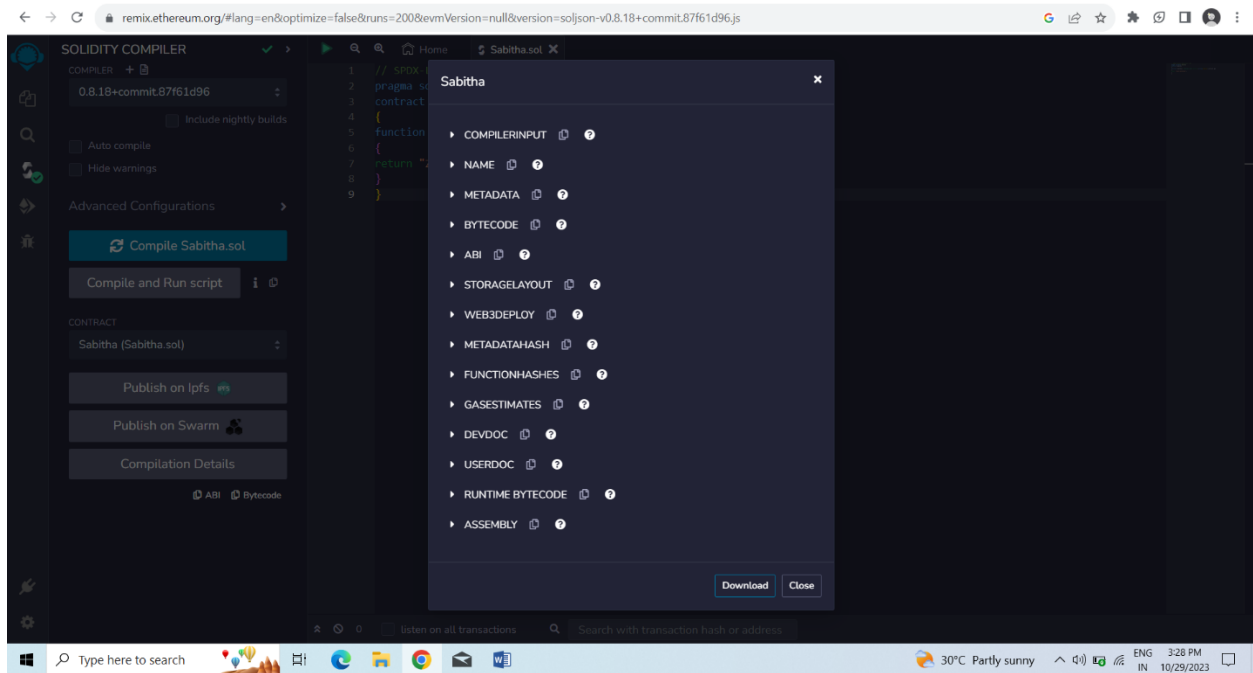
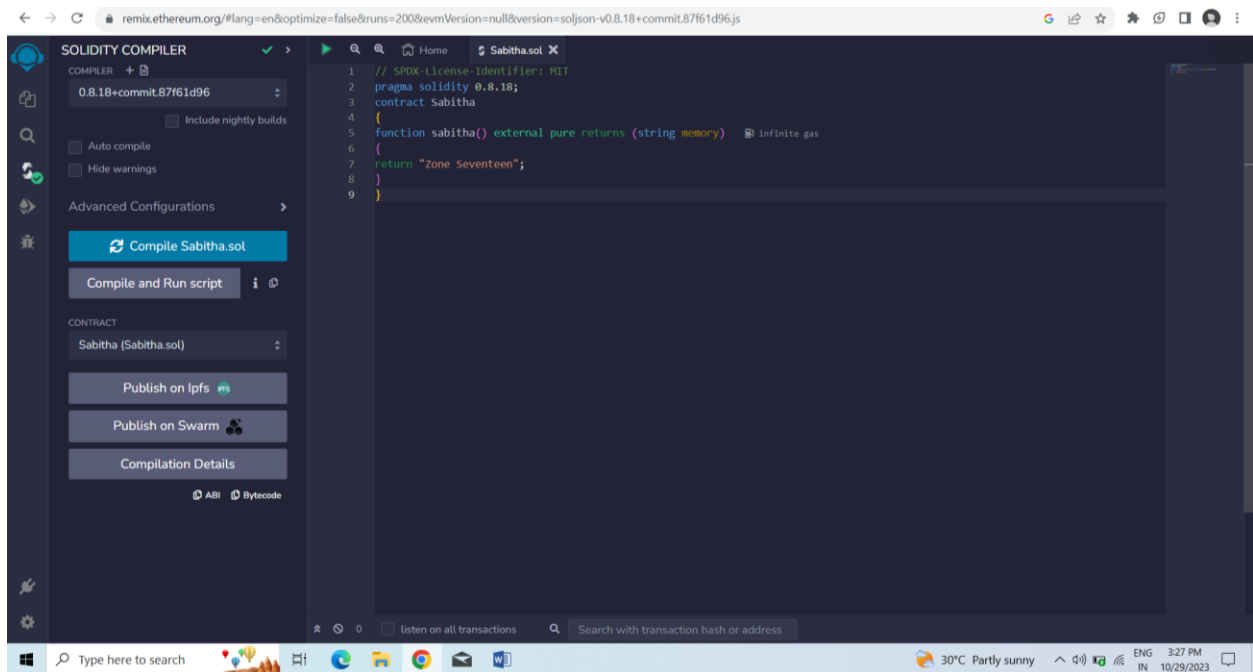
```
    {
```

```
        return "Zone Seventeen";
```

```
    }
```

```
}
```

Step 4: Save the program and compile it to get the ABI and Byte code.



ABI code:

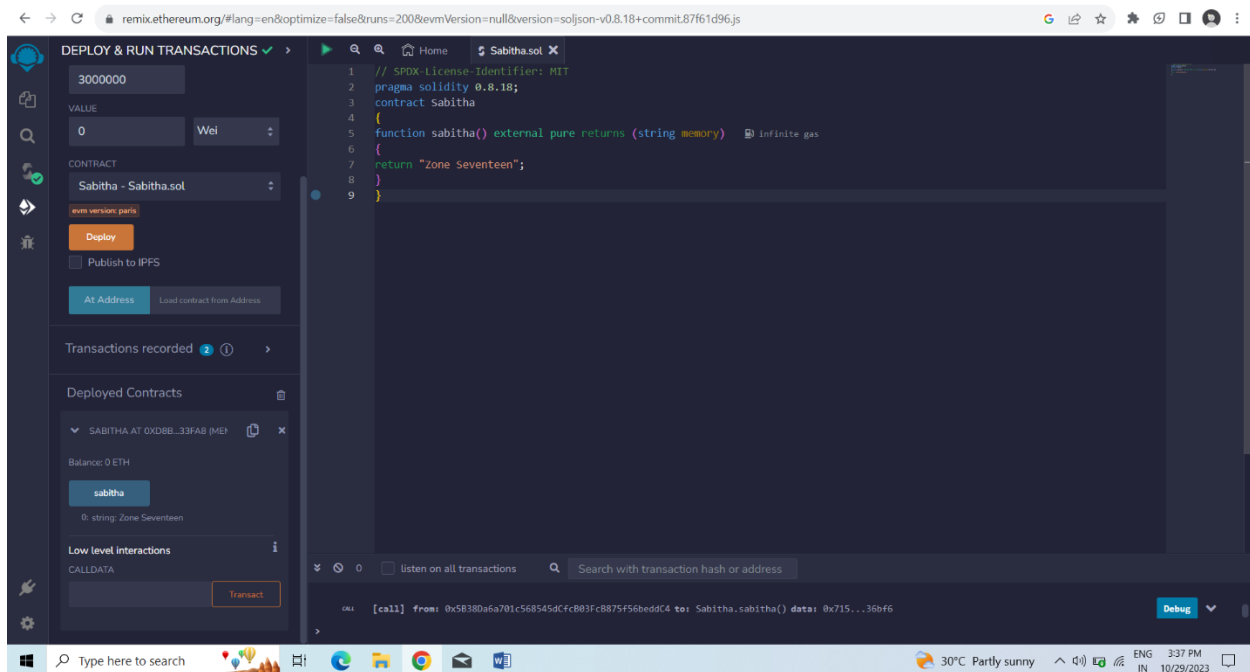
```
[
  {
    "inputs": [],
    "name": "sabitha",
    "outputs": [
      {
        "internalType": "string",
        "name": "",
        "type": "string"
      }
    ],
    "stateMutability": "pure",
    "type": "function"
  }
]
```

Byte code:

```
{
  "functionDebugData": {},
  "generatedSources": [],
  "linkReferences": {},
  "object":
    "608060405234801561001057600080fd5b50610173806100206000396000f3fe60806040523480
    1561001057600080fd5b506004361061002b5760003560e01c806371536bf614610030575b6000
    80fd5b61003861004e565b604051610045919061011b565b60405180910390f35b606060405180
    60400160405280600e81526020017f5a6f6e6520536576656e7465656e00000000000000000000
    000000000000000815250905090565b600081519050919050565b6000828252602082019050929
    15050565b60005b838110156100c55780820151818401526020810190506100aa565b600084840
    15250505050565b6000601f19601f8301169050919050565b60006100ed8261008b565b6100f781
    85610096565b93506101078185602086016100a7565b610110816100d1565b8401915050929150
    50565b6000602082019050818103600083015261013581846100e2565b90509291505056fea264
    697066735822122046467dc5ac8f38ec4f339f5dba75088a916a1cfb19b7e4f559ceec243839d23d6
    4736f6c63430008120033",
  "opcodes": "PUSH1 0x80 PUSH1 0x40 MSTORE CALLVALUE DUP1 ISZERO
    PUSH2 0x10 JUMPI PUSH1 0x0 DUP1 REVERT JUMPDEST POP PUSH2 0x173 DUP1
    PUSH2 0x20 PUSH1 0x0 CODECOPY PUSH1 0x0 RETURN INVALID PUSH1 0x80 PUSH1
    0x40 MSTORE CALLVALUE DUP1 ISZERO PUSH2 0x10 JUMPI PUSH1 0x0 DUP1
    REVERT JUMPDEST POP PUSH1 0x4 CALLDATASIZE LT PUSH2 0x2B JUMPI PUSH1
    0x0 CALLDATALOAD PUSH1 0xE0 SHR DUP1 PUSH4 0x71536BF6 EQ PUSH2 0x30
    JUMPI JUMPDEST PUSH1 0x0 DUP1 REVERT JUMPDEST PUSH2 0x38 PUSH2 0x4E
    JUMP JUMPDEST PUSH1 0x40 MLOAD PUSH2 0x45 SWAP2 SWAP1 PUSH2 0x11B JUMP
    JUMPDEST PUSH1 0x40 MLOAD DUP1 SWAP2 SUB SWAP1 RETURN JUMPDEST
```

Step 5: Deploy it to display the output.





Submitted by,

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