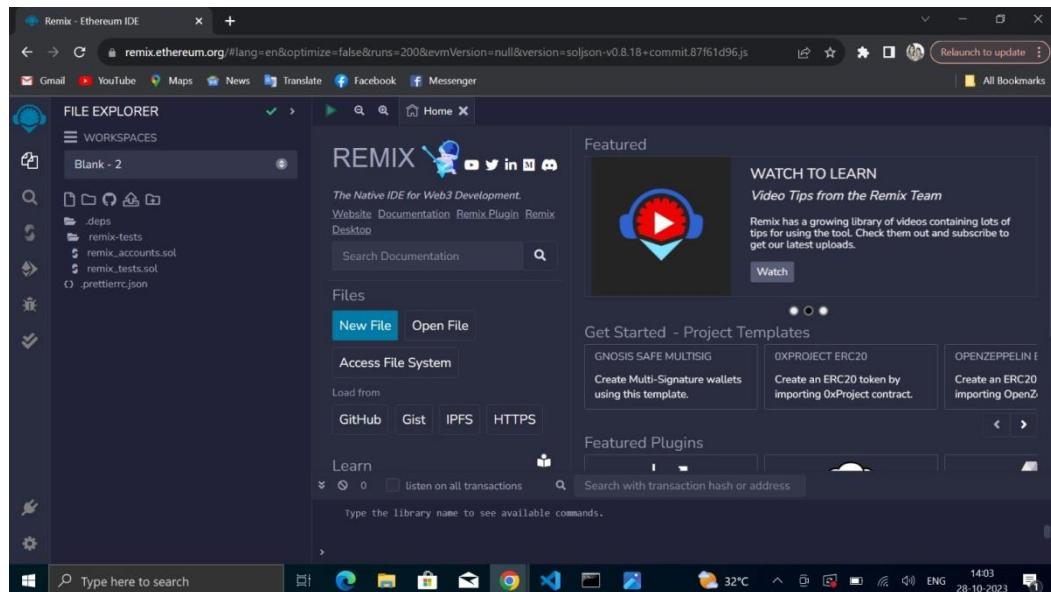
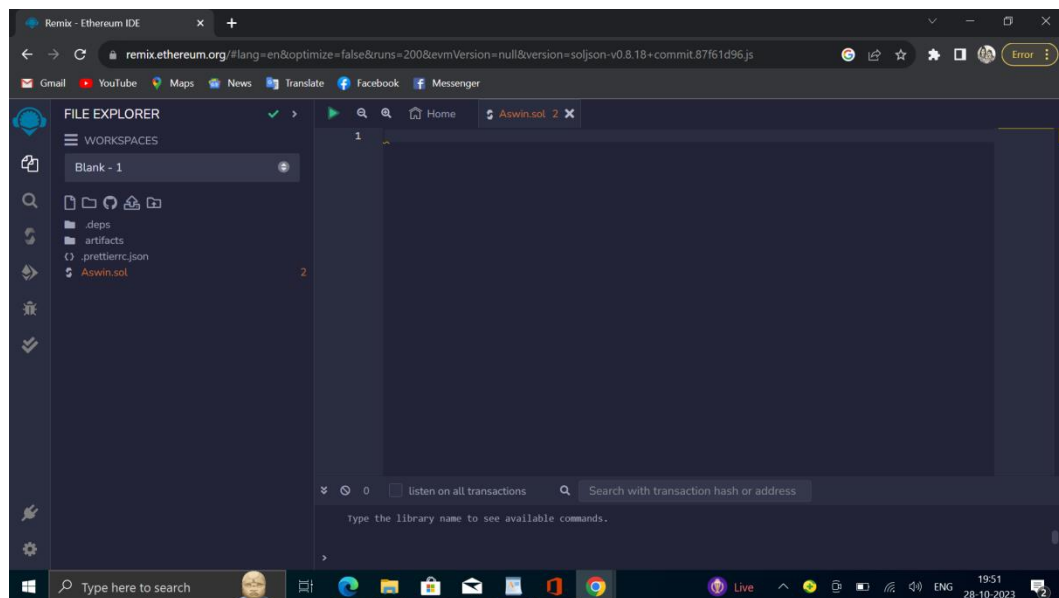


Assignment for Block chain Technology

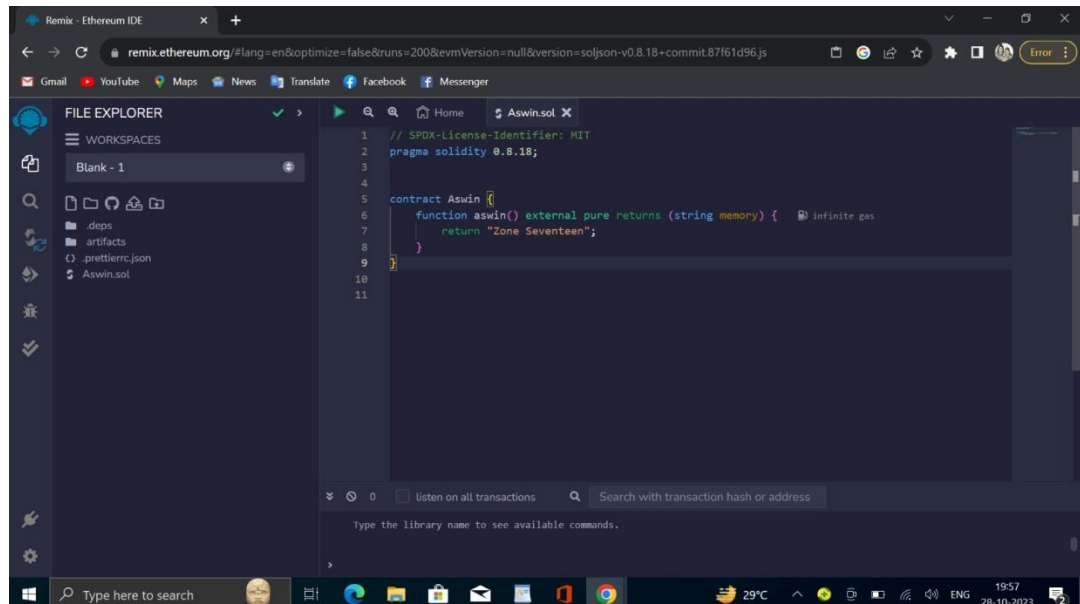
Step 1: Go to the chrome and open remix platform.



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.

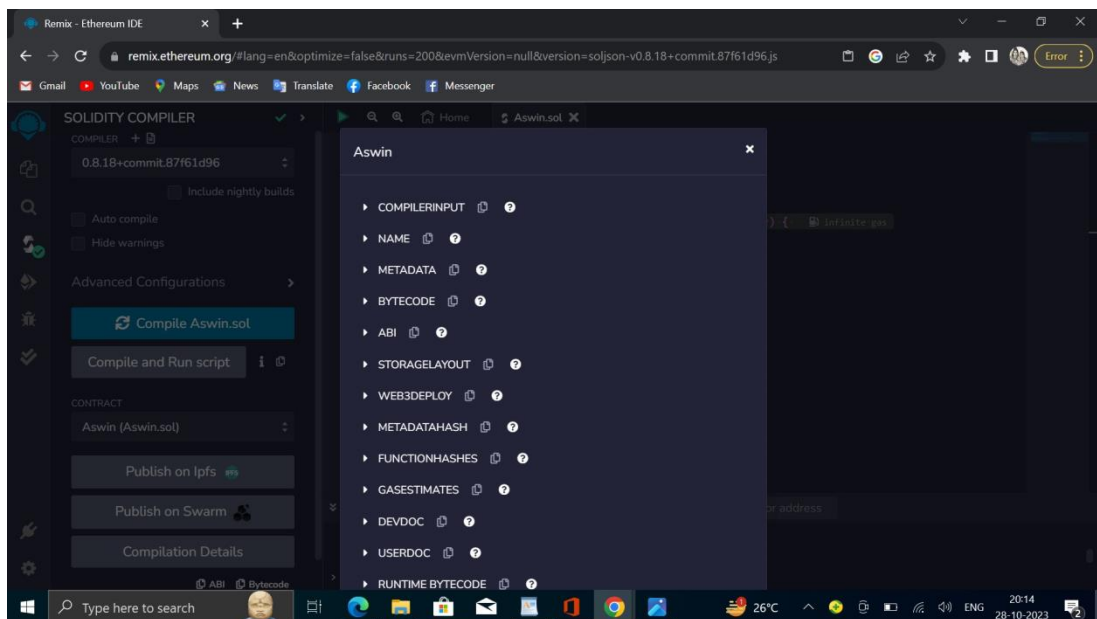
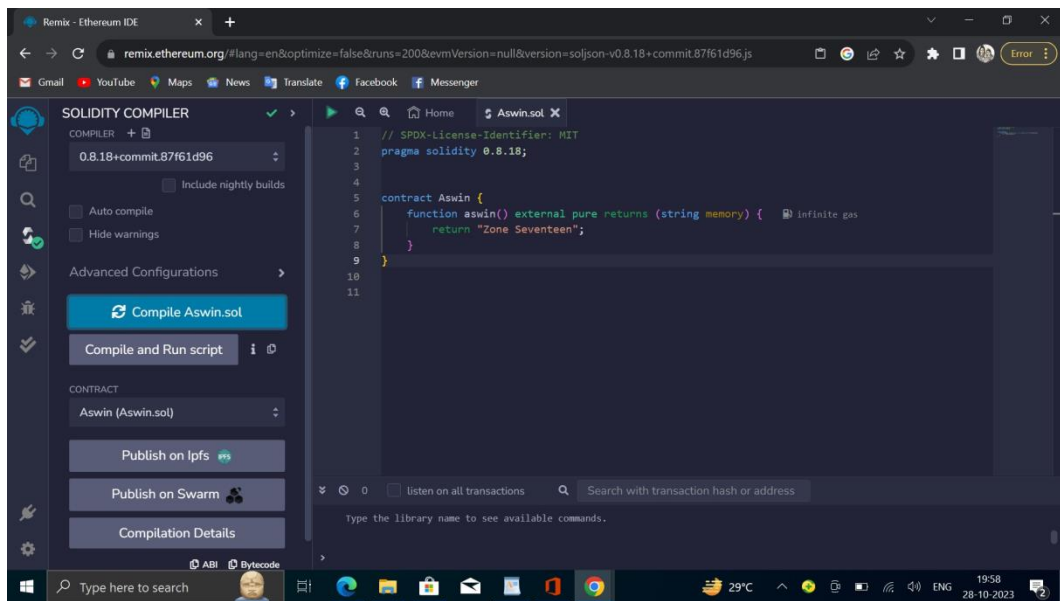


Code :

```
// SPDX-License-Identifier: MIT
pragma solidity 0.8.18;

contract Aswin
{
    function aswin() external pure returns (string memory)
    {
        return "Zone Seventeen";
    }
}
```

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



Byte code :

```

{
  "functionDebugData": {},
  "generatedSources": [],
  "linkReferences": {},

```

"object":

"608060405234801561001057600080fd5b50610173806100206000396000f3
fe608060405234801561001057600080fd5b506004361061002b5760003560e
01c80632cc31ef314610030575b600080fd5b61003861004e565b6040516100
45919061011b565b60405180910390f35b6060604051806040016040528060
0e81526020017f5a6f6e6520536576656e7465656e00000000000000000000
000000000000000815250905090565b600081519050919050565b600082825
260208201905092915050565b60005b838110156100c557808201518184015
26020810190506100aa565b60008484015250505050565b6000601f19601f83
01169050919050565b60006100ed8261008b565b6100f78185610096565b93
506101078185602086016100a7565b610110816100d1565b84019150509291
5050565b6000602082019050818103600083015261013581846100e2565b90
509291505056fea264697066735822122009574e045405803330d460e3111b
38bc3621988c881280b689aa9d1653be626a64736f6c63430008120033",

"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
0x2CC31EF3 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 PUSH1 0x60 PUSH1
0x40 MLOAD DUP1 PUSH1 0x40 ADD PUSH1 0x40 MSTORE DUP1 PUSH1 0xE
DUP2 MSTORE PUSH1 0x20 ADD PUSH32
0x5A6F6E6520536576656E7465656E00000000000000000000000000000000
0000 DUP2 MSTORE POP SWAP1 POP SWAP1 JUMP JUMPDEST PUSH1 0x0
DUP2 MLOAD SWAP1 POP SWAP2 SWAP1 POP JUMP JUMPDEST PUSH1 0x0
DUP3 DUP3 MSTORE PUSH1 0x20 DUP3 ADD SWAP1 POP SWAP3 SWAP2 POP
POP JUMP JUMPDEST PUSH1 0x0 JUMPDEST DUP4 DUP2 LT ISZERO PUSH2
0xC5 JUMPI DUP1 DUP3 ADD MLOAD DUP2 DUP5 ADD MSTORE PUSH1 0x20
DUP2 ADD SWAP1 POP PUSH2 0xAA JUMP JUMPDEST PUSH1 0x0 DUP5 DUP5
ADD MSTORE POP POP POP POP JUMP JUMPDEST PUSH1 0x0 PUSH1 0x1F
NOT PUSH1 0x1F DUP4 ADD AND SWAP1 POP SWAP2 SWAP1 POP JUMP
JUMPDEST PUSH1 0x0 PUSH2 0xED DUP3 PUSH2 0x8B JUMP JUMPDEST
PUSH2 0xF7 DUP2 DUP6 PUSH2 0x96 JUMP JUMPDEST SWAP4 POP PUSH2
0x107 DUP2 DUP6 PUSH1 0x20 DUP7 ADD PUSH2 0xA7 JUMP JUMPDEST
PUSH2 0x110 DUP2 PUSH2 0xD1 JUMP JUMPDEST DUP5 ADD SWAP2 POP
POP SWAP3 SWAP2 POP POP JUMP JUMPDEST PUSH1 0x0 PUSH1 0x20 DUP3
ADD SWAP1 POP DUP2 DUP2 SUB PUSH1 0x0 DUP4 ADD MSTORE PUSH2
0x135 DUP2 DUP5 PUSH2 0xE2 JUMP JUMPDEST SWAP1 POP SWAP3 SWAP2
POP POP JUMP INVALID LOG2 PUSH5 0x6970667358 0x22 SLT KECCAK256
MULMOD JUMPI 0x4E DIV SLOAD SDIV DUP1 CALLER ADDRESS 0xD4 PUSH1
0xE3 GT SHL CODESIZE 0xBC CALLDATASIZE 0x21 SWAP9 DUP13 DUP9 SLT

```
DUP1 0xB6 DUP10 0xAA SWAP14 AND MSTORE8 0xBE PUSH3 0x6A6473
PUSH16 0x6C634300081200330000000000000000 ",
```

```
"sourceMap": "62:119:0:-:0,,,,,,,,,,,,,,,,,"
```

```
}
```

ABI code :

```
[
```

```
{
```

```
  "inputs": [],
```

```
  "name": "aswin",
```

```
  "outputs":
```

```
  [
```

```
    {
```

```
      "internalType": "string",
```

```
      "name": "",
```

```
      "type": "string"
```

```
    }
```

```
  ],
```

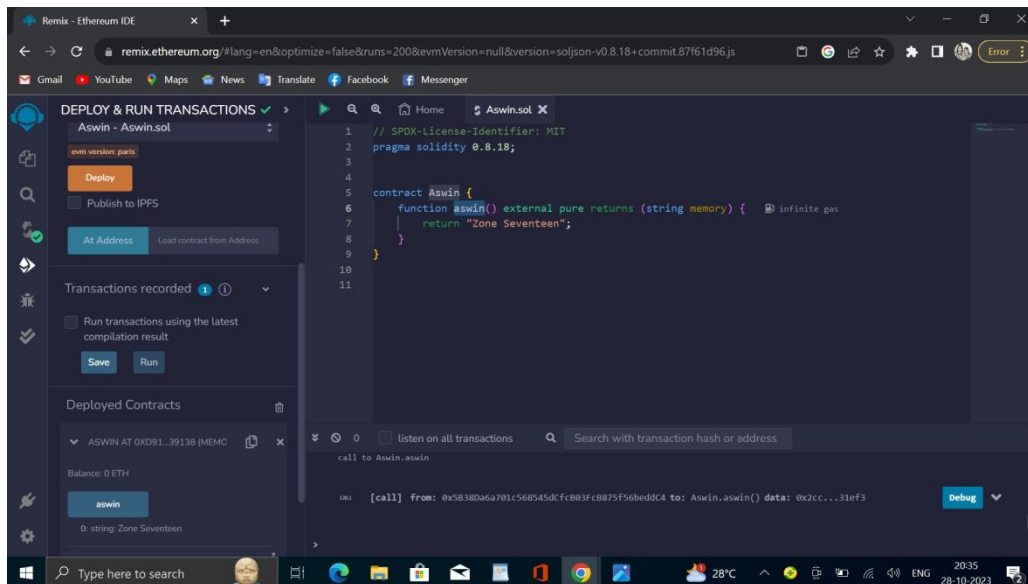
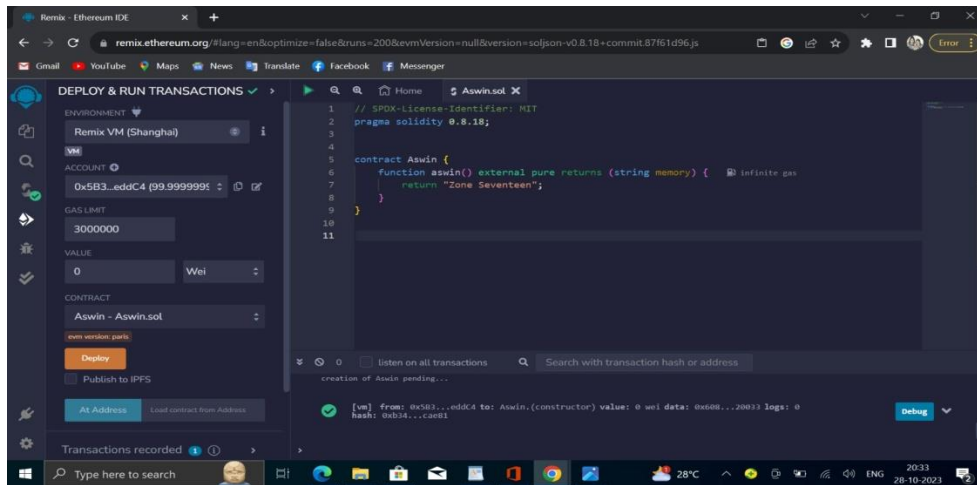
```
  "stateMutability": "pure",
```

```
  "type": "function"
```

```
}
```

```
]
```

Step 5: Deploy it to display the output.



Submitted by

N. Aswin.

REG.NO :963520106014.