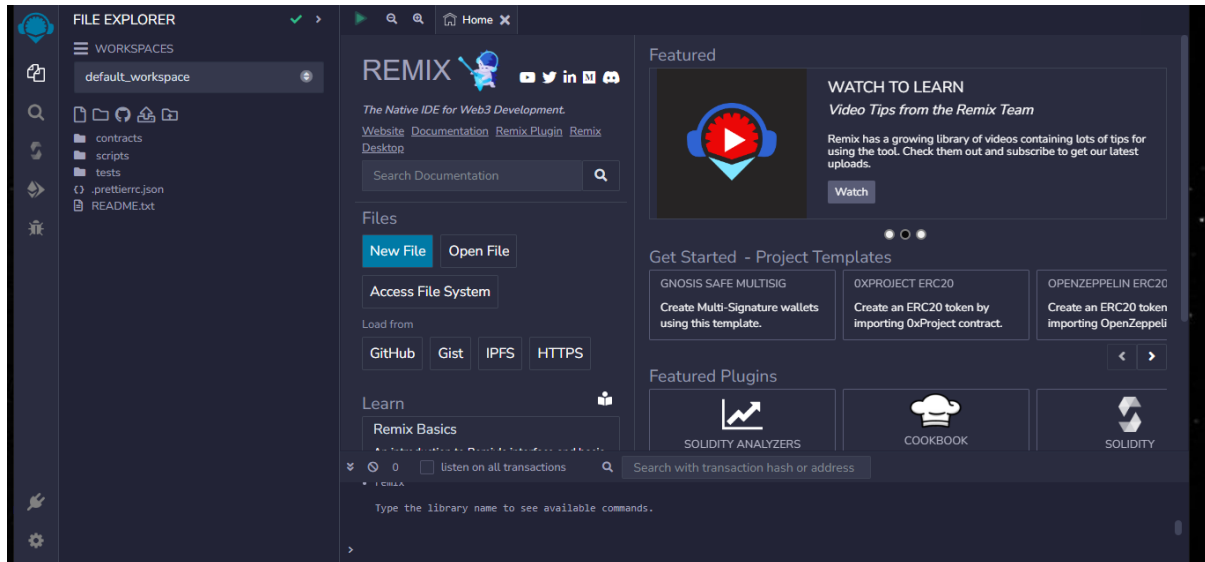
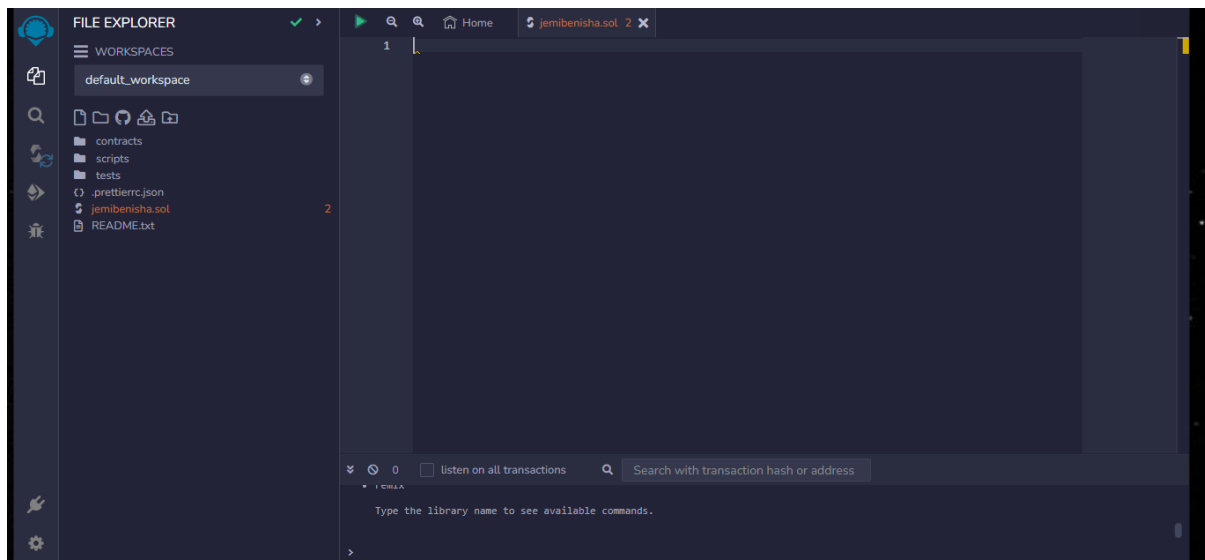


Assignment for Block Chain Technology

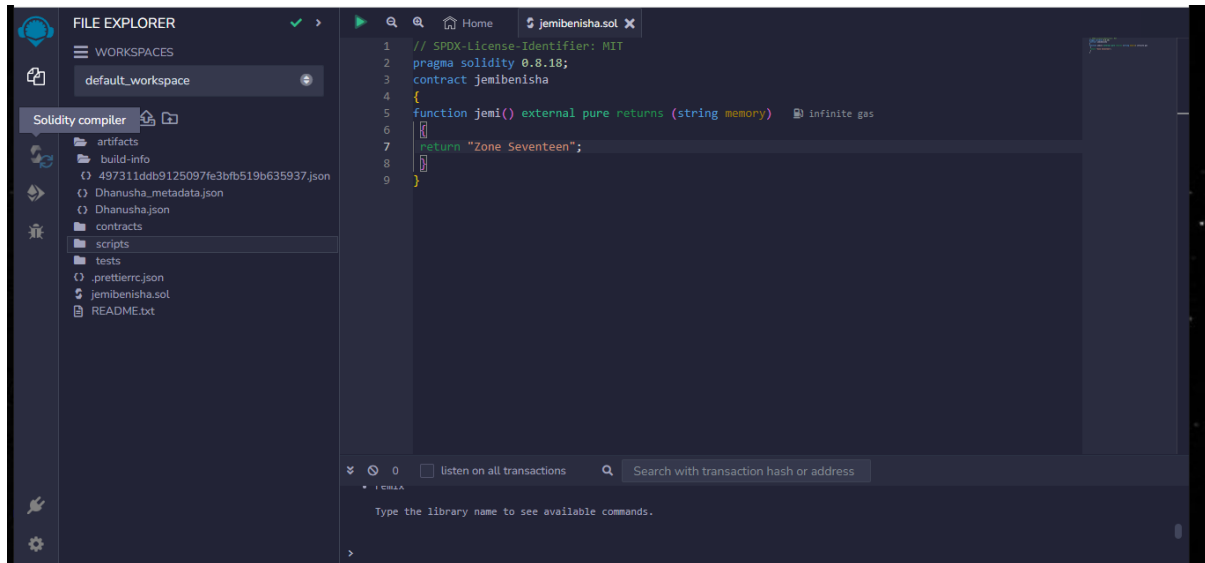
Step 1: Go to Chrome and open remix platform



Step 2: Open the remix page and create new file



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



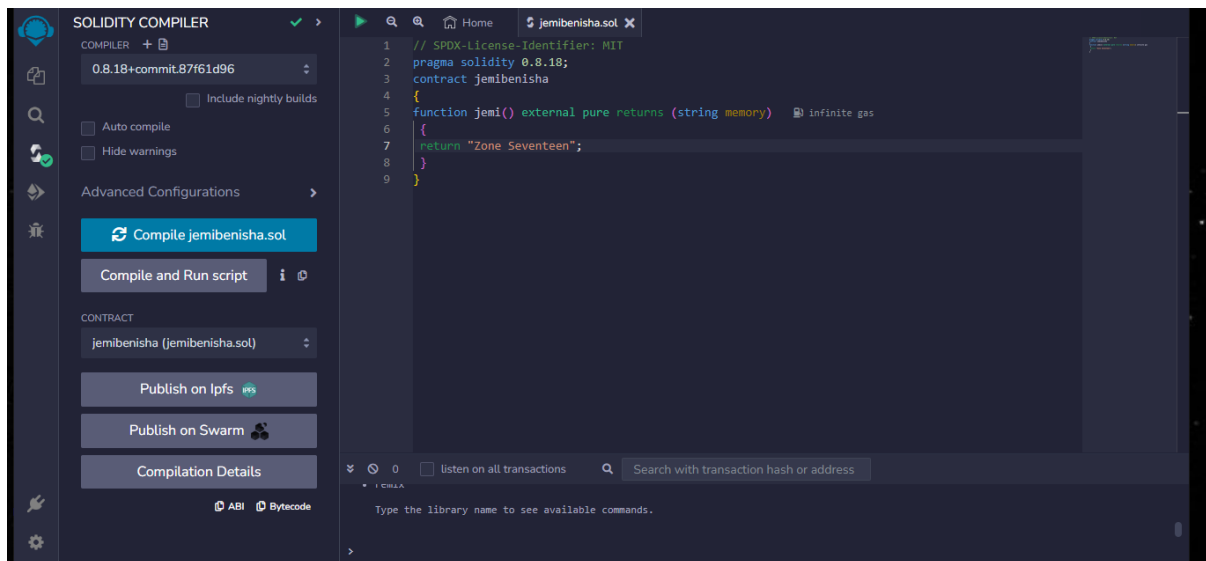
Code:

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

pragma solidity 0.8.18;

contract jemibenisha
{
    function jemi() 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": "jemi",
    "outputs": [
      {
        "internalType": "string",
        "name": "",
        "type": "string"
      }
    ],
    "stateMutability": "pure",
    "type": "function"
  }
]
```

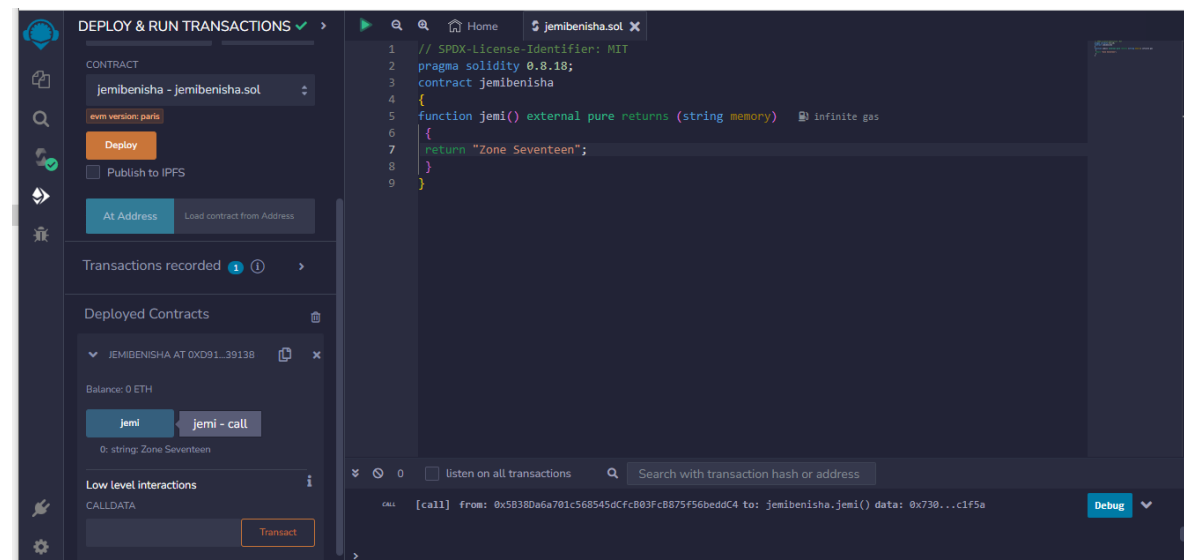
$$\{$$

```
"generatedSources": [],
```

```
"object":
```

```
"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 0x730C1F5A 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 0x5A6F6E6520536576656E7465656E000000000000000000000000000000000000 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 ADD CREATE2 0xB2 0xE6 0xDC SWAP4 0xD4
STOP REVERT DUP13 0xED 0xD6 PUSH21
```

```
"sourceMap": "58:116:0:-0:,,,,,,,,,,,,,,,,,,,,,"
}
```



Jemi J A Benisha

Reg. No.: 963520106022