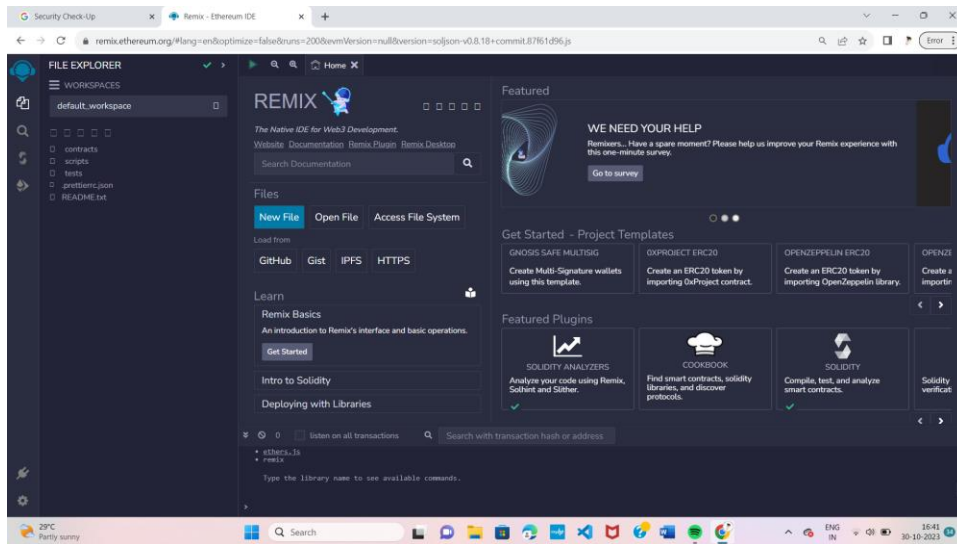
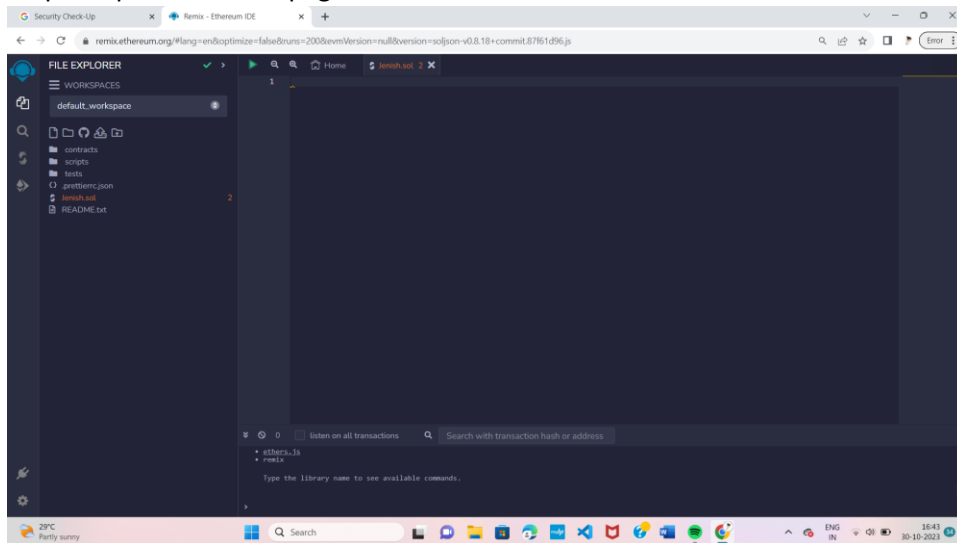


## Assignment for Block Chain Technology

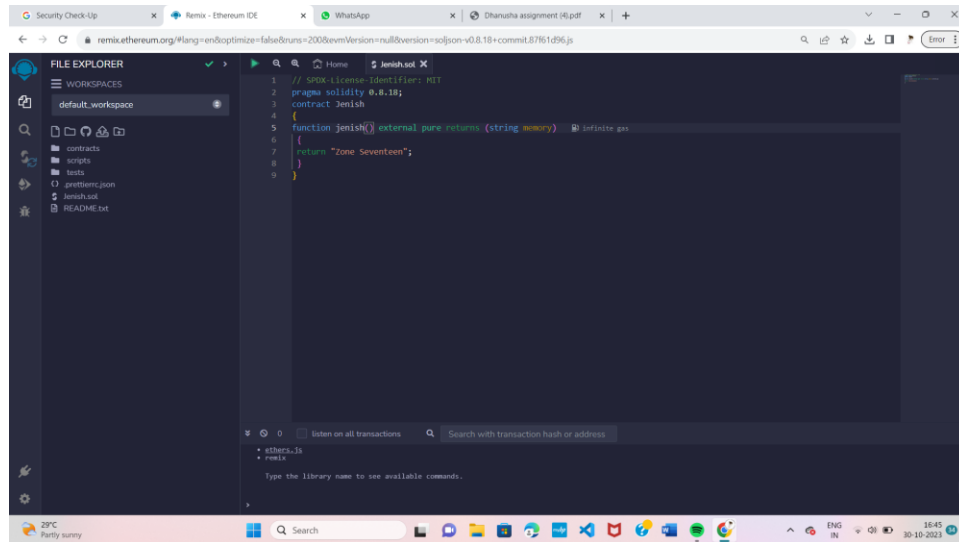
### Step 1: Go to Chrome and open remix platform



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



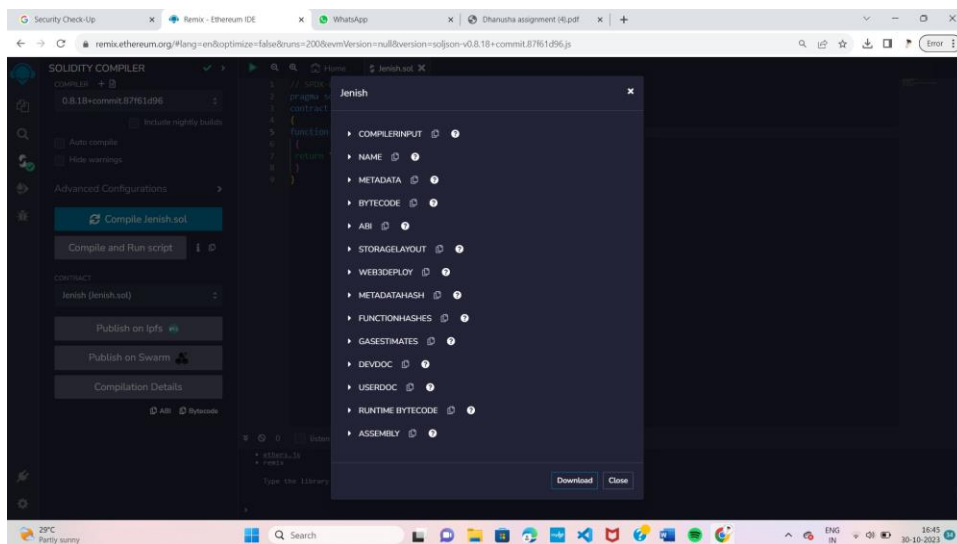
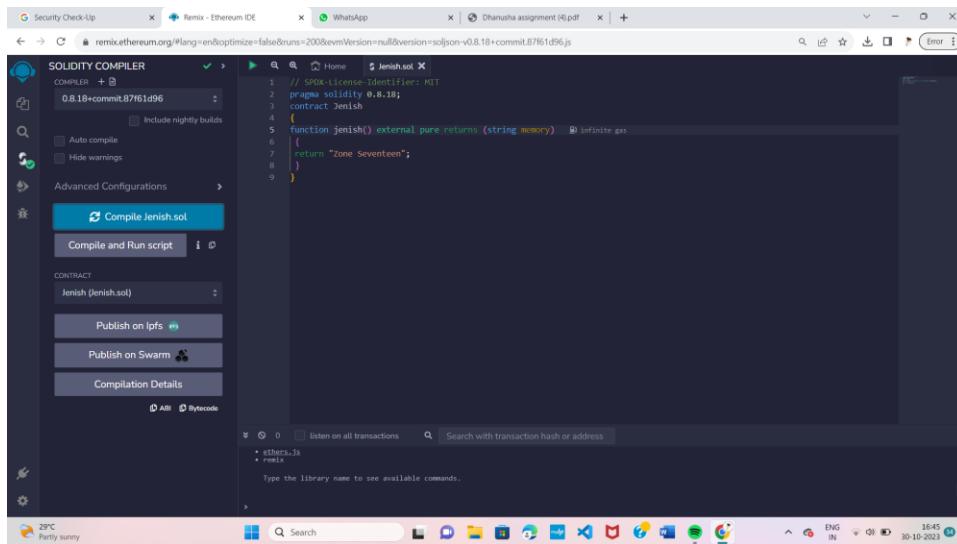
### Step 3: Write the program to get the string "Zone name" in the newly created file.



Code:

```
// SPDX-License-Identifier: MIT
pragma solidity 0.8.18;
contract Jenish
{
function jenish() 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": "jenish",
  "outputs": [
    {
      "internalType": "string",
      "name": "",
      "type": "string"
    }
  ]
}]
```

Byte code:

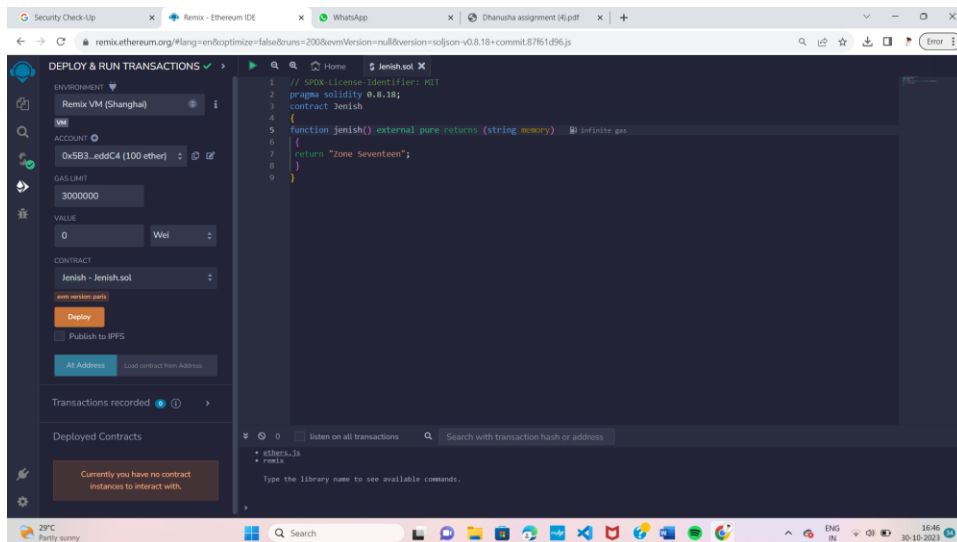
[illegible]

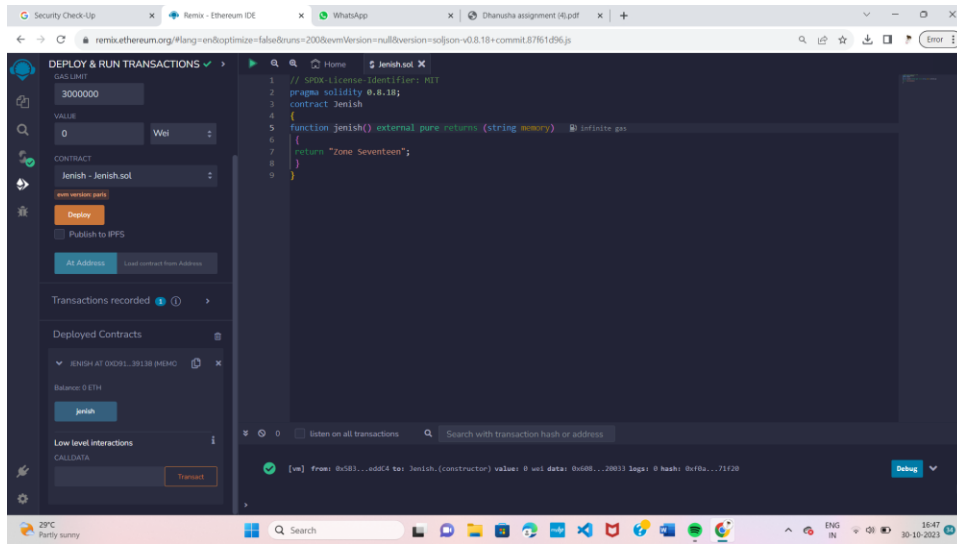
```
DUP3 PUSH2 0x8B JUMP JUMPDEST PUSH2 0xF7 DUP2 DUP6 PUSH2 0x96 JUMP JUMPDEST SWAP4 POP
PUSH2 0x107 DUP2 DUP6 PUSH1 0x20 DUP7 ADD PUSH2 0xA7 JUMP JUMPDEST PUSH2 0x110 DUP2
PUSH2 0xD1 JUMP JUMPDEST DUP5 ADD SWAP2 POP POP SWAP3 SWAP2 POP POP JUMP JUMPDEST
PUSH1 0x0 PUSH1 0x20 DUP3 ADD SWAP1 POP DUP2 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 0xB4 DELEGATECALL SLT SWAP14 0xAD 0x4B
ADDRESS LOG3 EXP 0xED SMOD 0xC4 PREVRANDAO EXTCODEHASH 0xBB MSTORE8 DUP3 0xAA 0xF
0xA8 0xD7 MSTORE8 0xAD SELFBALANCE 0xD7 PUSH20
0xE8E1E9B1246364736F6C63430008120033000000 ",
```

```
"sourceMap": "58:113:0::-0;;;;;;;;;;;;;"
```

```
}
```

Step5: Deploy it to display the output





Submitted by,

Jenish J

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