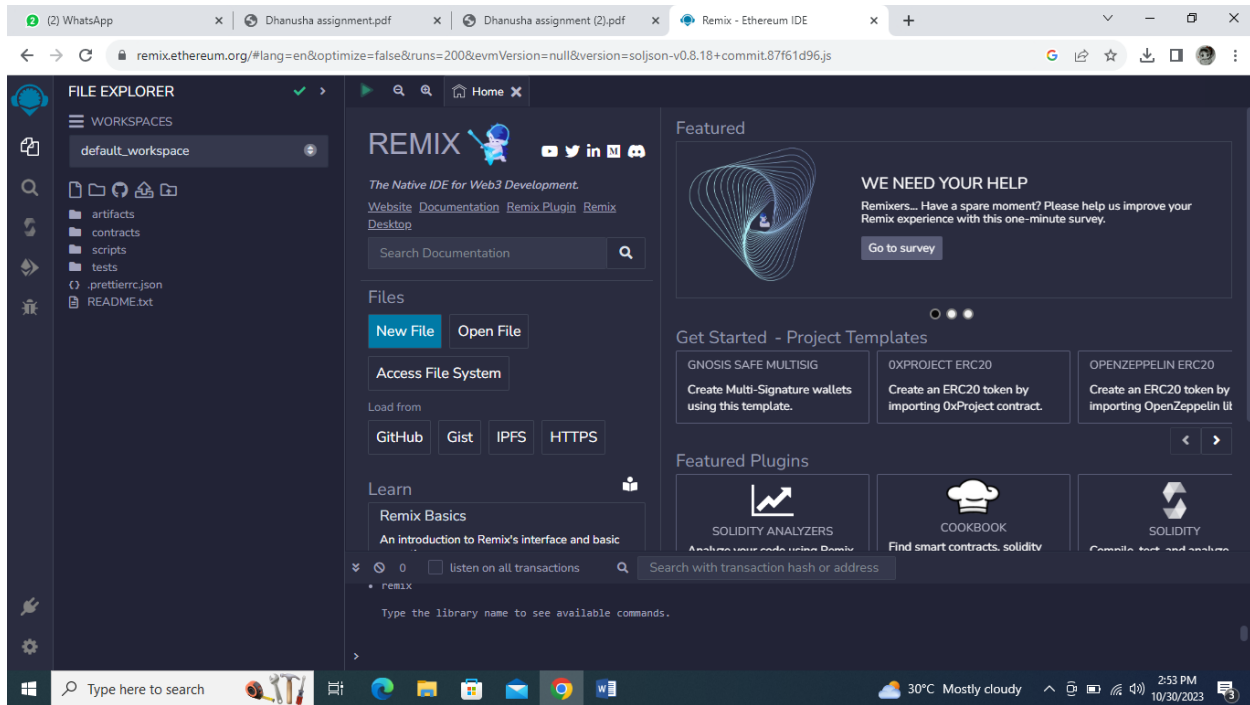
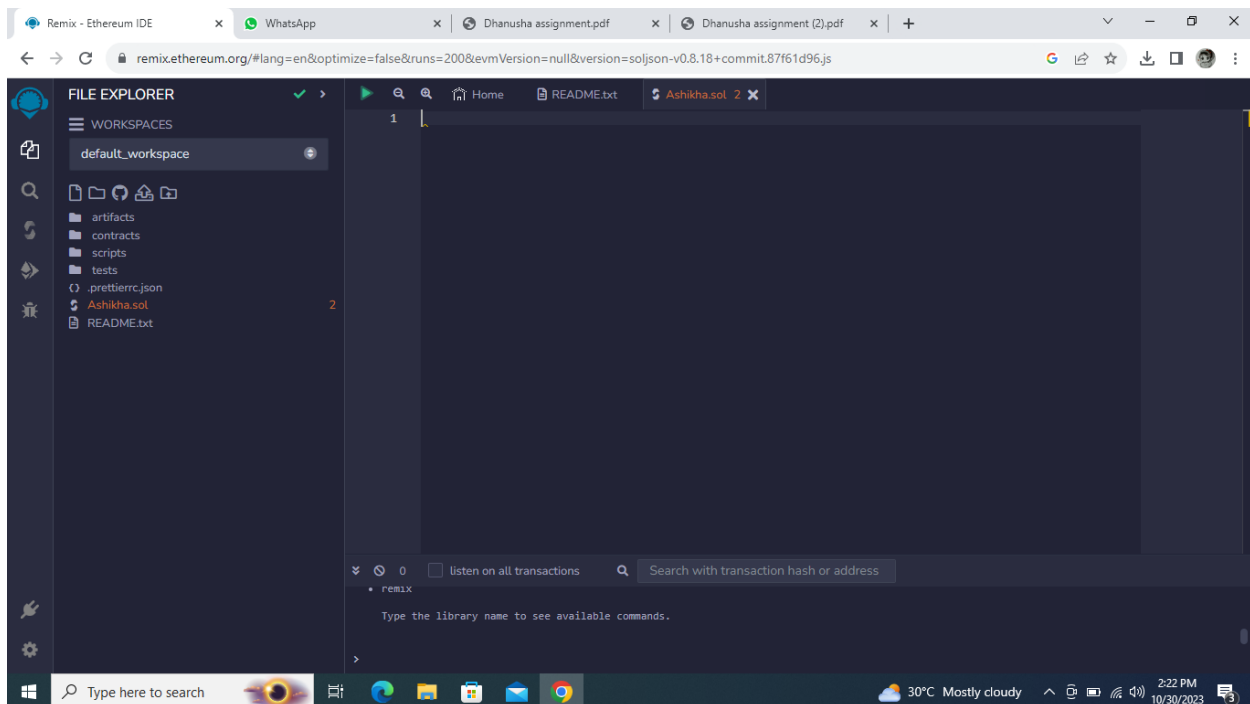


# Assignment for Block Chain Technology

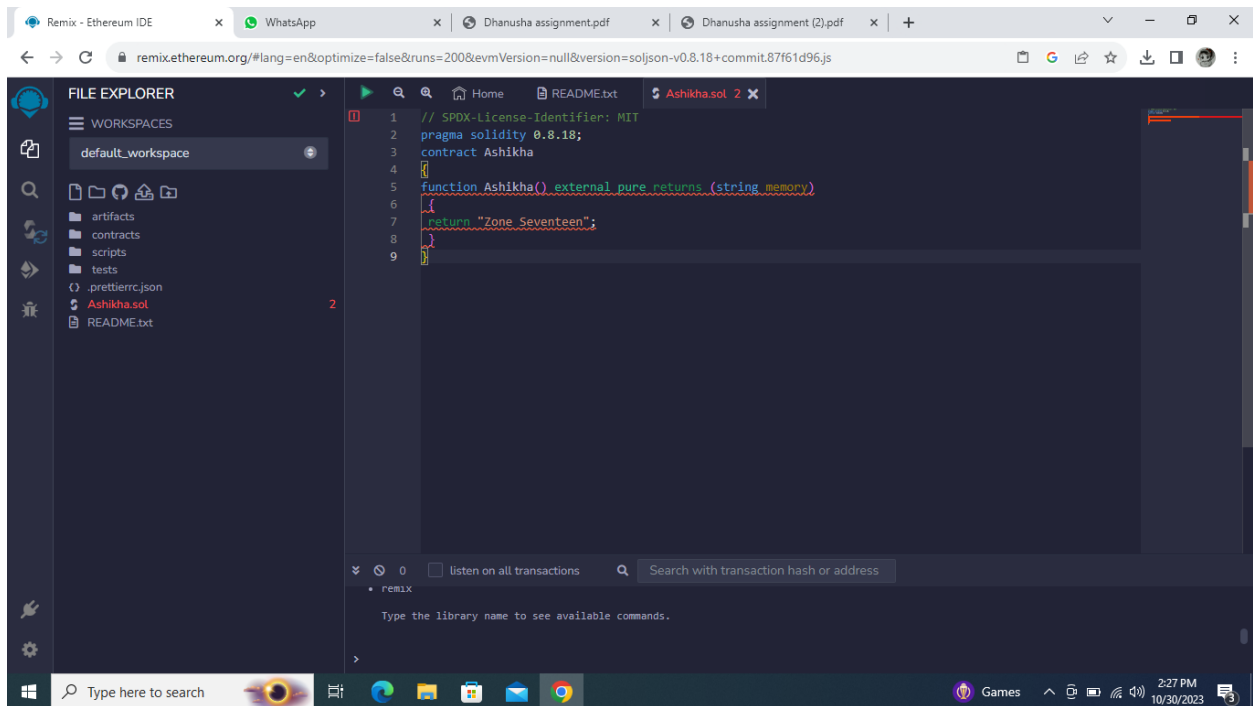
## Step 1: Go to chrome and open remix platform



## 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.



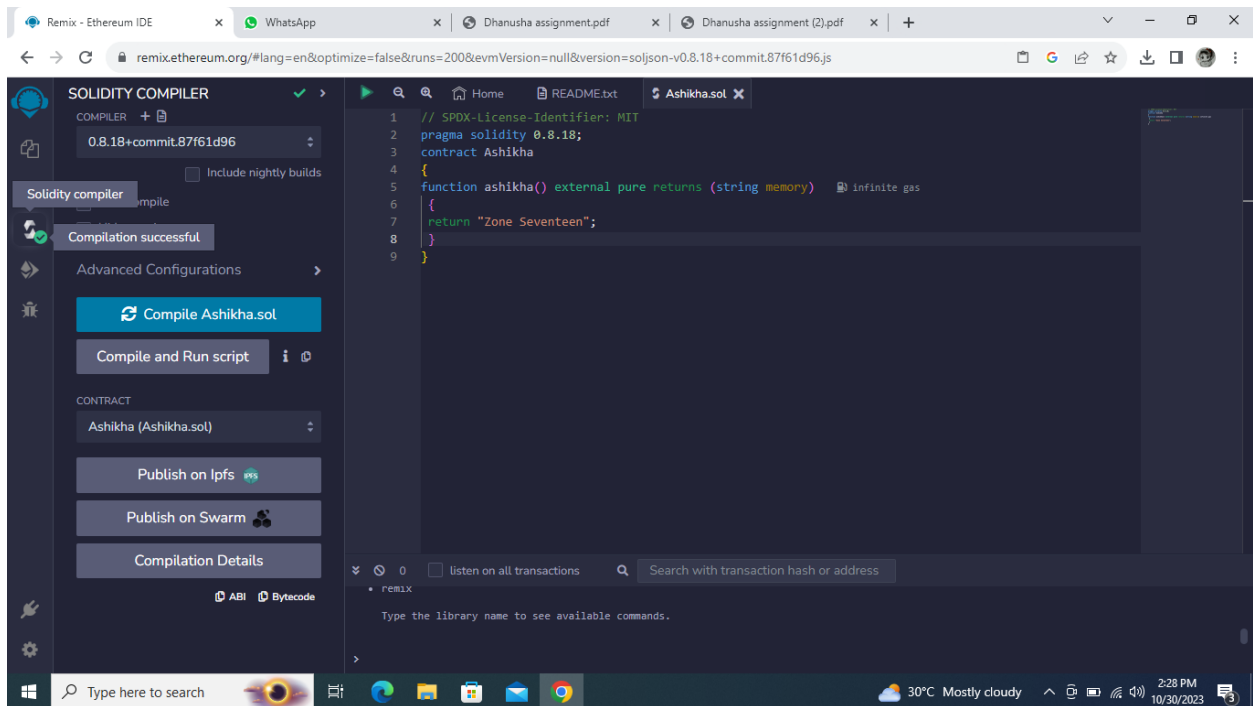
**Code:**

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

pragma solidity 0.8.18;

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

```
        "type": "function"
    }
]
```

### Byte code:

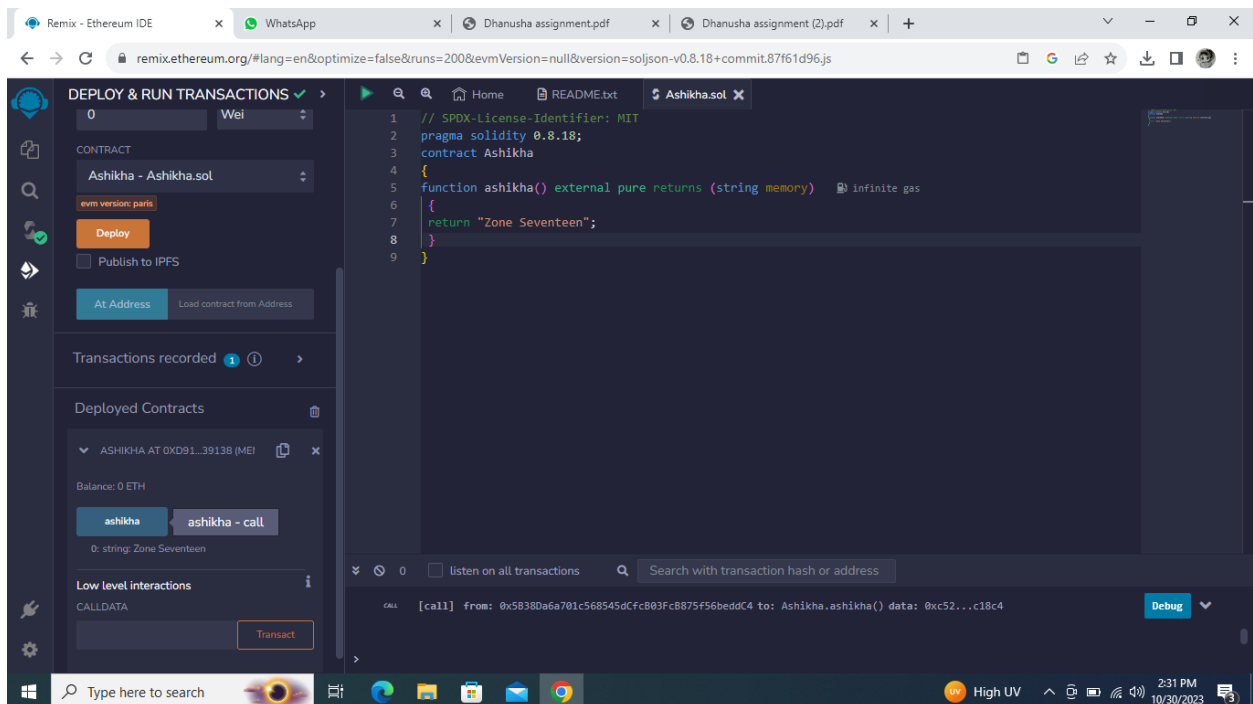
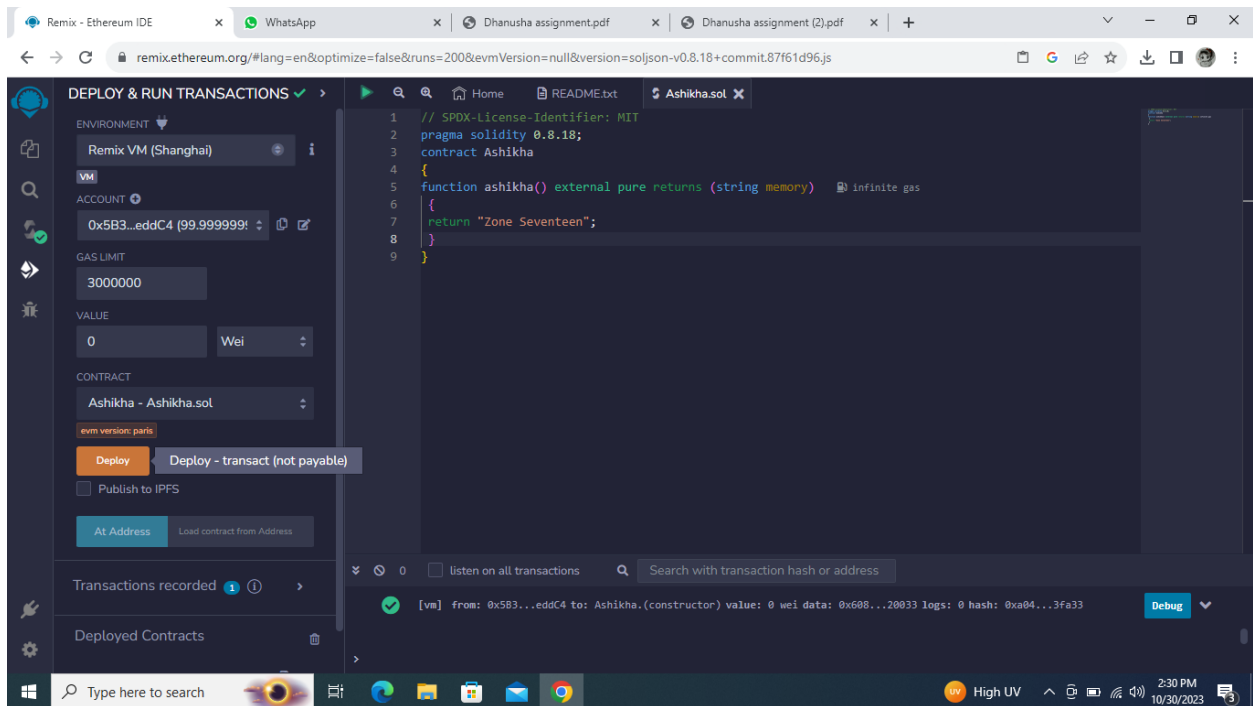
```
{
    "functionDebugData": {},
    "generatedSources": [],
    "linkReferences": {},
    "object":
    "608060405234801561001057600080fd5b50610173806100206000396000f3fe60
    8060405234801561001057600080fd5b506004361061002b5760003560e01c8063
    c52c18c414610030575b600080fd5b61003861004e565b60405161004591906101
    1b565b60405180910390f35b60606040518060400160405280600e81526020017f
    5a6f6e6520536576656e7465656e000000000000000000000000000000000081
    5250905090565b600081519050919050565b60008282526020820190509291505
    0565b60005b838110156100c55780820151818401526020810190506100aa565b6
    0008484015250505050565b6000601f19601f8301169050919050565b60006100e
    d8261008b565b6100f78185610096565b93506101078185602086016100a7565b6
    10110816100d1565b840191505092915050565b60006020820190508181036000
    83015261013581846100e2565b90509291505056fea2646970667358221220ab27
    a126e712595ad0a382335bd106f16e4ecf59785576af74cc905c933fe40464736f6c
    63430008120033",
    "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
    0xC52C18C4 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  
0x5A6F6E6520536576656E7465656E00  
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 0xAB 0x27 LOG1 0x26 0xE7 SLT MSIZE GAS 0xD0 LOG3 DUP3 CALLER  
JUMPDEST 0xD1 MOD CALL PUSH15 0x4ECF59785576AF74CC905C933FE404  
PUSH5 0x736F6C6343 STOP ADDMOD SLT STOP CALLER ",

"sourceMap": "58:115:0:-:0;;;;;;;;;;"

}

## Step 5: Deploy it to display the output.



**Submitted by,**

**Ashikha A**

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