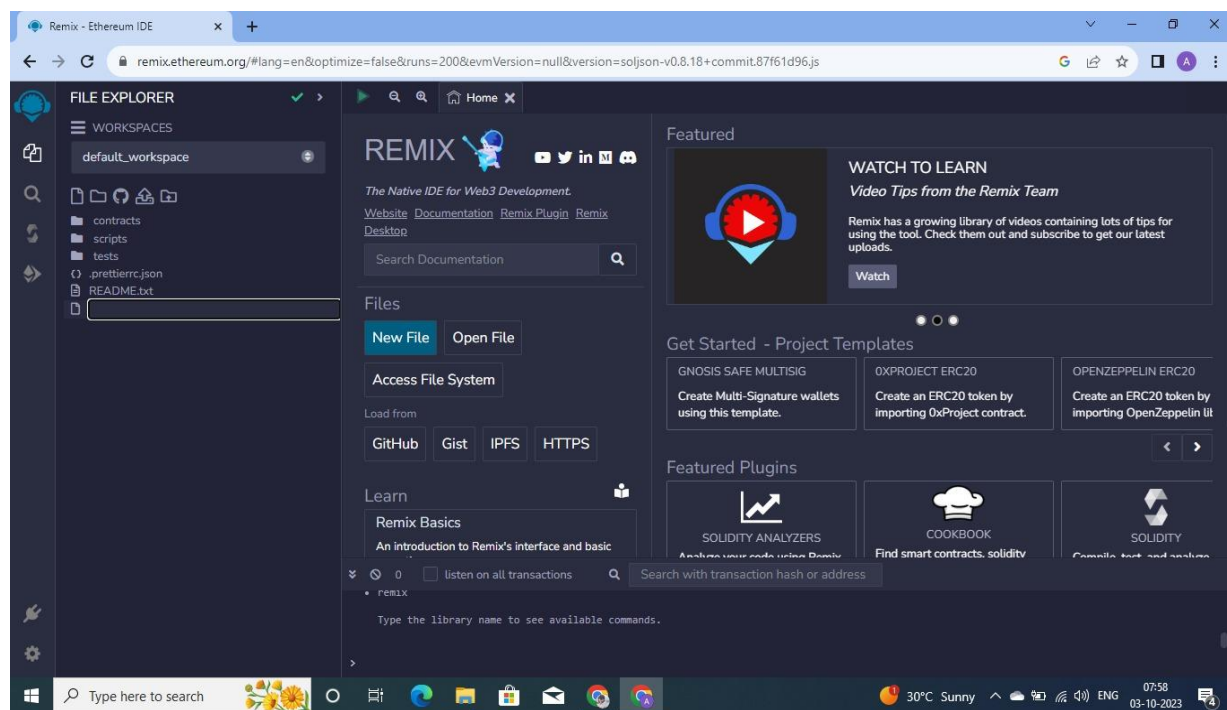
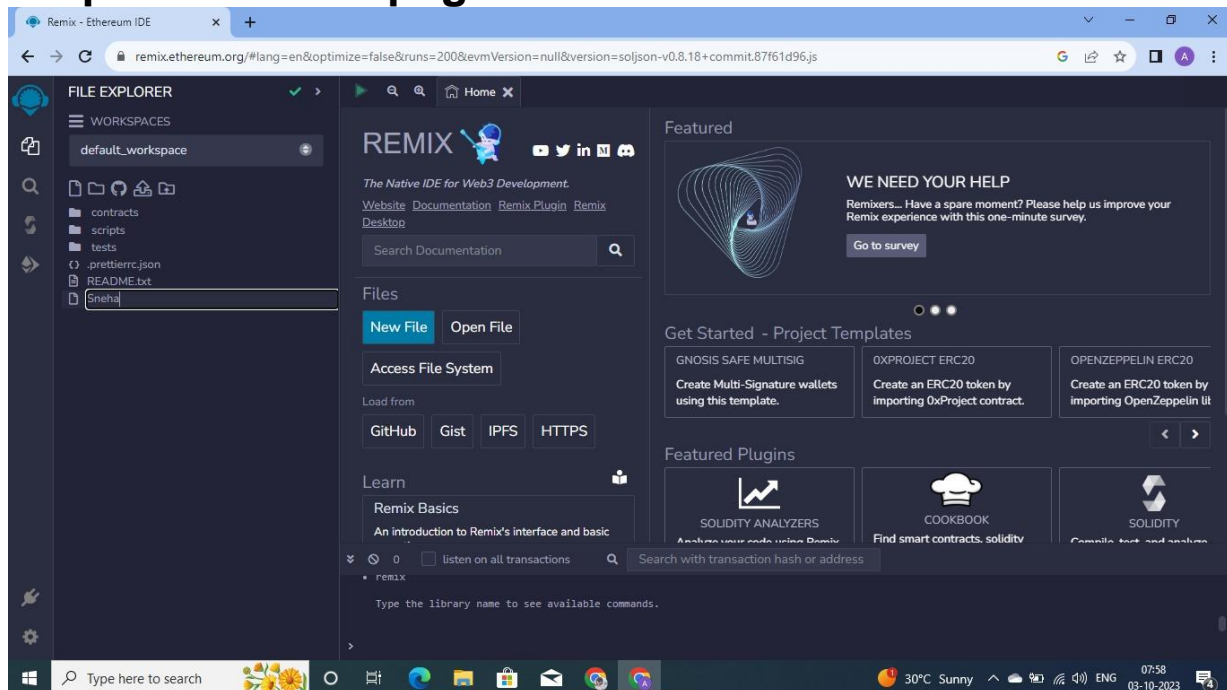


NAME	P.Sneha
ZONE	8
COLLEGE NAME	Ganesh college of Engineering
PROJECT NAME	Ethereum Decentralised Identity smart contract
NM ID	B672A12C37B847A89084763295E77CB6

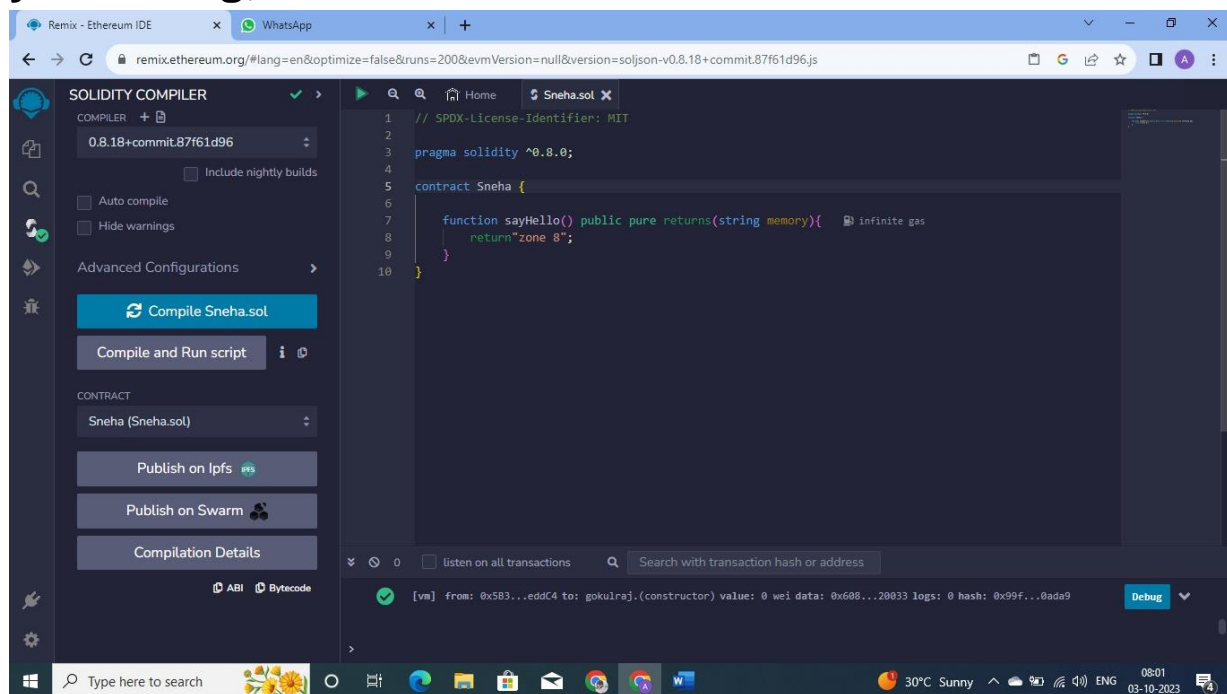
1.Go to the chrome and open remix platform



2. Open the remix page and create a new file



3. In that newly created file, create a program to return your string, "Zone name"



4. Save the program and compile it to get the ABI and Bytecode

ABI:

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

Bytecode:

```
608060405234801561001057600080fd5b50610173806100206000396000f3fe60806
0405234801561001057600080fd5b506004361061002b5760003560e01c8063ef5fb0
5b14610030575b600080fd5b61003861004e565b604051610045919061011b565b60
405180910390f35b60606040518060400160405280600681526020017f7a6f6e65203
8000000000000000000000000000000000000000000000000000000000000000815250905090565
b600081519050919050565b600082825260208201905092915050565b60005b83811
0156100c55780820151818401526020810190506100aa565b6000848401525050505
0565b6000601f19601f8301169050919050565b60006100ed8261008b565b6100f781
85610096565b93506101078185602086016100a7565b610110816100d1565b840191
505092915050565b6000602082019050818103600083015261013581846100e2565b
90509291505056fea26469706673582212209f2ce16a6f9a8a1148f2b3a52f2ddca62c
34599649f9babb287edcb1f4c53e9364736f6c63430008120033
```

5. Finally Deploy it to display the output

The screenshot displays the Remix Ethereum IDE interface. On the left, the 'SOLIDITY COMPILER' panel shows the compiler version '0.8.18+commit.87f61d96' and options for 'Auto compile' and 'Hide warnings'. Below this, the 'Advanced Configurations' section includes buttons for 'Compile Sneha.sol', 'Compile and Run script', 'Publish on Ipfs', 'Publish on Swarm', and 'Compilation Details'. The 'CONTRACT' section lists 'Sneha (Sneha.sol)'. The main workspace shows a Solidity script with a function `sayHello()` that returns a string. The 'Debug' console on the right displays the execution details of a call to `Sneha.sayHello()`, showing the transaction hash, gas cost (715), input data, and the decoded output: `"0": "string: zone 8"`. The bottom status bar indicates the system temperature is 30°C, it is sunny, and the date is 03-10-2023.