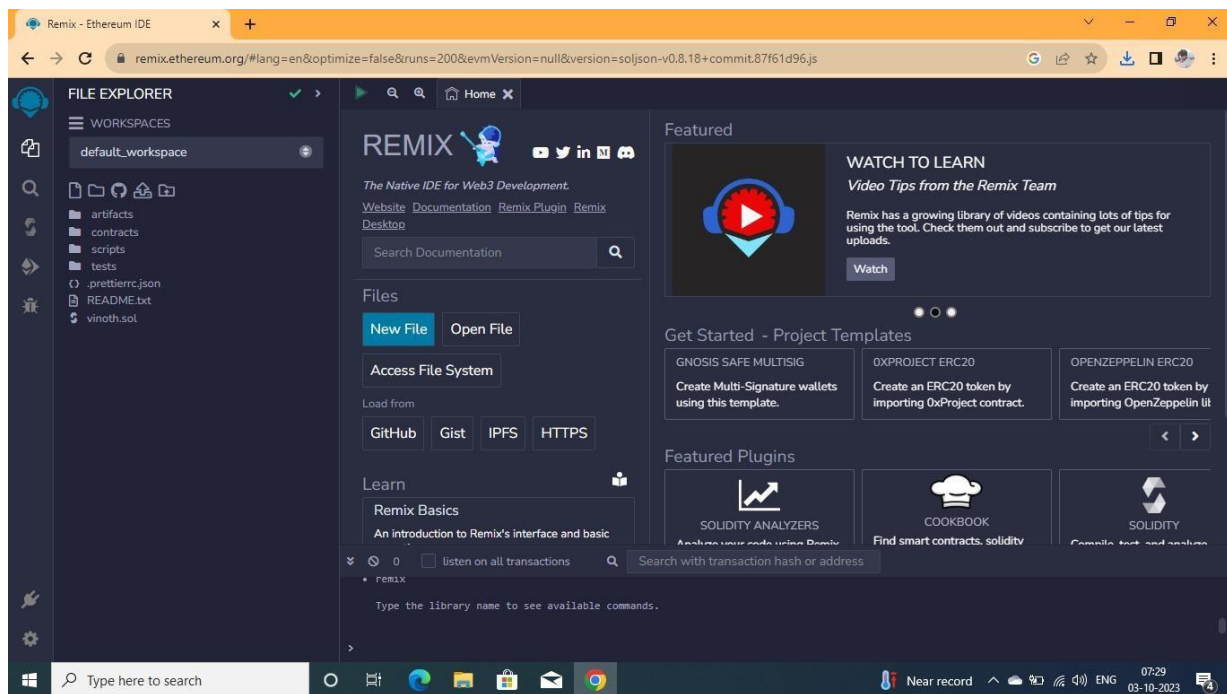
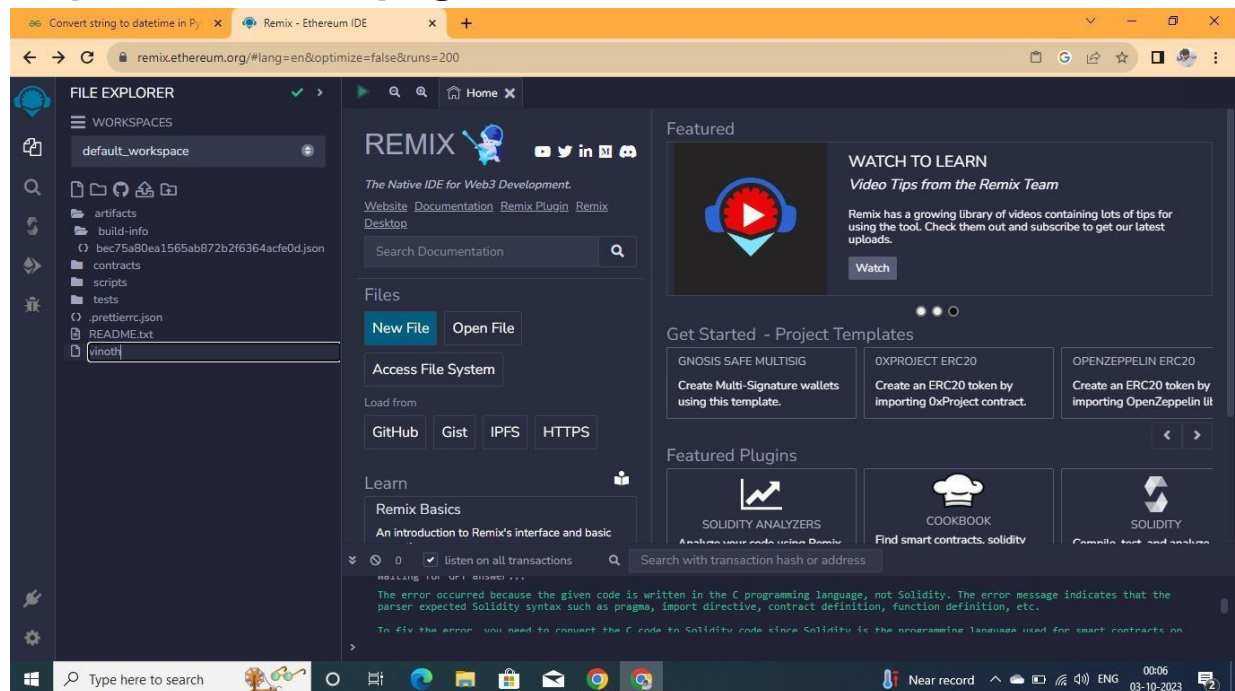


NAME	S. Vinoth
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TEAM ID	NM2023TMID00430
NM ID	501105AEC45B8609F32488E2DE379A5EPRO
PROJECT TITLE	Blockchain-Powered Library Management

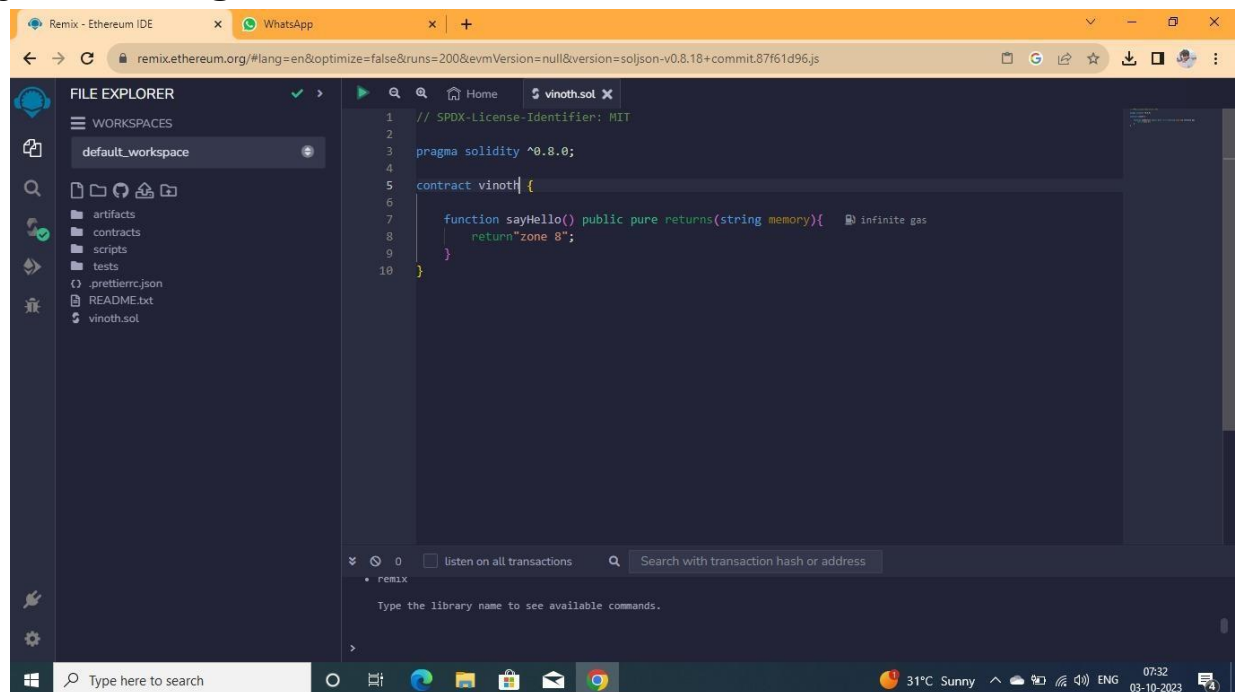
1.Go to the chrome and open remix platform



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:

```

608060405234801561001057600080fd5b50610173806100206000396000f3fe
608060405234801561001057600080fd5b506004361061002b5760003560e01c
8063ef5fb05b14610030575b600080fd5b61003861004e565b60405161004591
9061011b565b60405180910390f35b6060604051806040016040528060068152
6020017f7a6f6e6520380000000000000000000000000000000000000000
00000000815250905090565b600081519050919050565b60008282526020820
1905092915050565b60005b838110156100c557808201518184015260208101
90506100aa565b60008484015250505050565b6000601f19601f830116905091
9050565b60006100ed8261008b565b6100f78185610096565b9350610107818
5602086016100a7565b610110816100d1565b840191505092915050565b6000
602082019050818103600083015261013581846100e2565b90509291505056fe
a26469706673582212205e0cb7a8223c51cc63a0d7887ee4d1482d7619e4b13
de63bca1a4259b7e9e6cc64736f6c63430008120033

```

5. Finally Deploy it to display the output

The screenshot displays the Remix Ethereum IDE interface. The top bar shows the URL `remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.18+commit.87f61d96.js`. The left sidebar contains navigation icons and a 'DEPLOY & RUN TRANSACTIONS' panel. The main editor shows a Solidity contract named `vinoth` with the following code:

```
1 // SPDX-License-Identifier: MIT
2
3 pragma solidity ^0.8.0;
4
5 contract vinoth {
6
7     function sayHello() public pure returns(string memory){ infinite gas
8         return "zone 8";
9     }
10 }
```

The 'DEPLOY & RUN TRANSACTIONS' panel on the left shows the 'Deploy' button and a 'Deployed Contracts' section. The 'Deployed Contracts' section lists the contract `VINOth AT 0xD91...39138 (MEM)` with a balance of 0 ETH. A `sayHello` button is visible, and the output shows `0: string: zone 8`. Below this, the 'Low level interactions' section shows the `CALLDATA` and a `Transact` button.

The right sidebar displays the transaction history and the execution details of the `sayHello` function. The transaction list shows a successful call from `0x58380da6a701c568545dcfc803fc8875f56beddC4` to `vinoth.sayHello()` with a gas cost of 715. The execution details show the input `0xef5...fb05b` and the decoded output `{ "0": "string: zone 8" }`.

The bottom status bar shows the system time as 07:37 on 03-10-2023, with a temperature of 31°C and weather conditions of Sunny.