ASSIGNMENT-1

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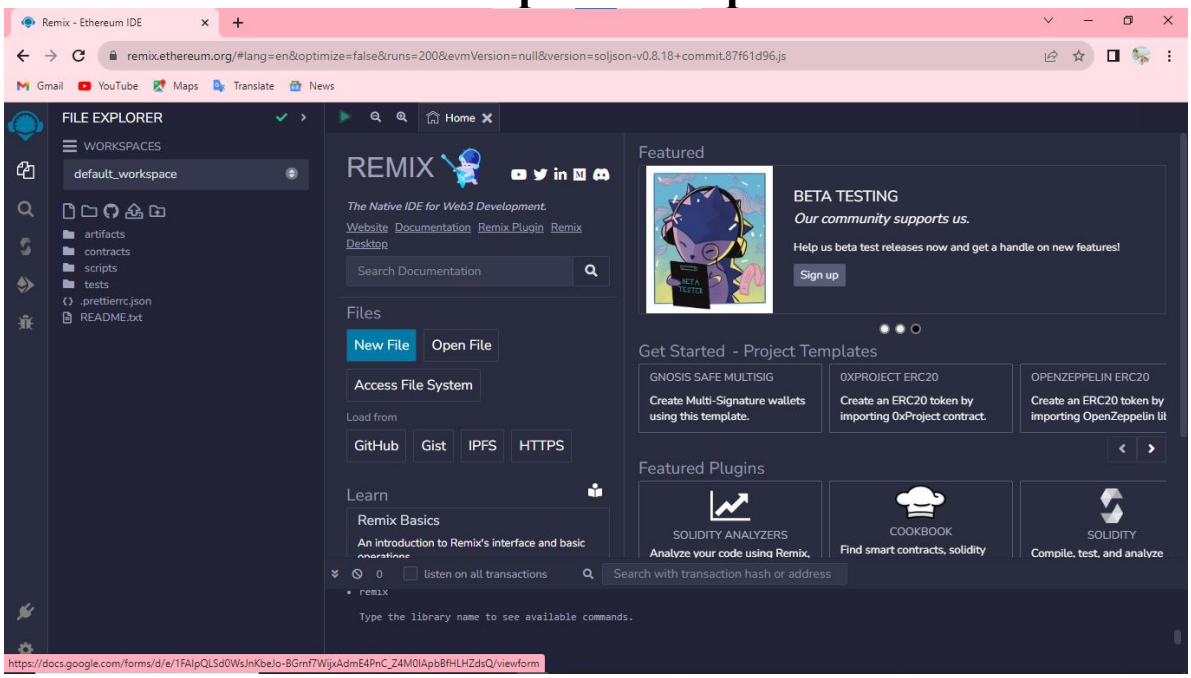
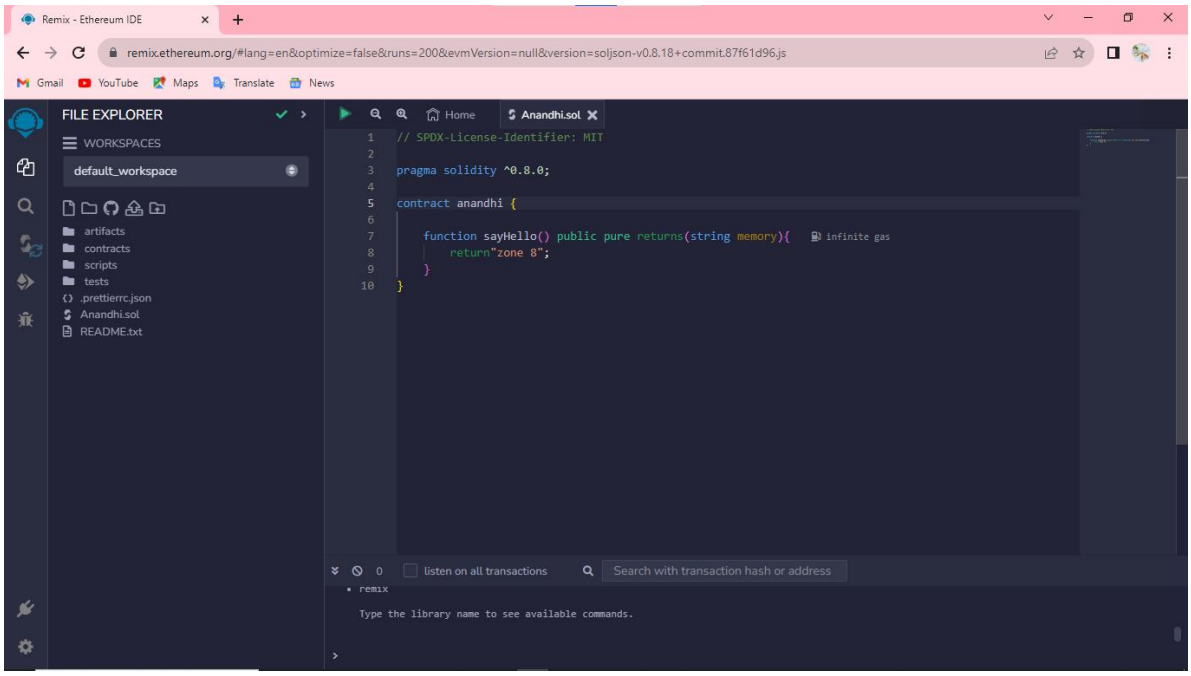
ZONE	8
COLLEGE	GANESH COLLEGE OF ENGINEERING
TEAM ID	NM2023TMID00452

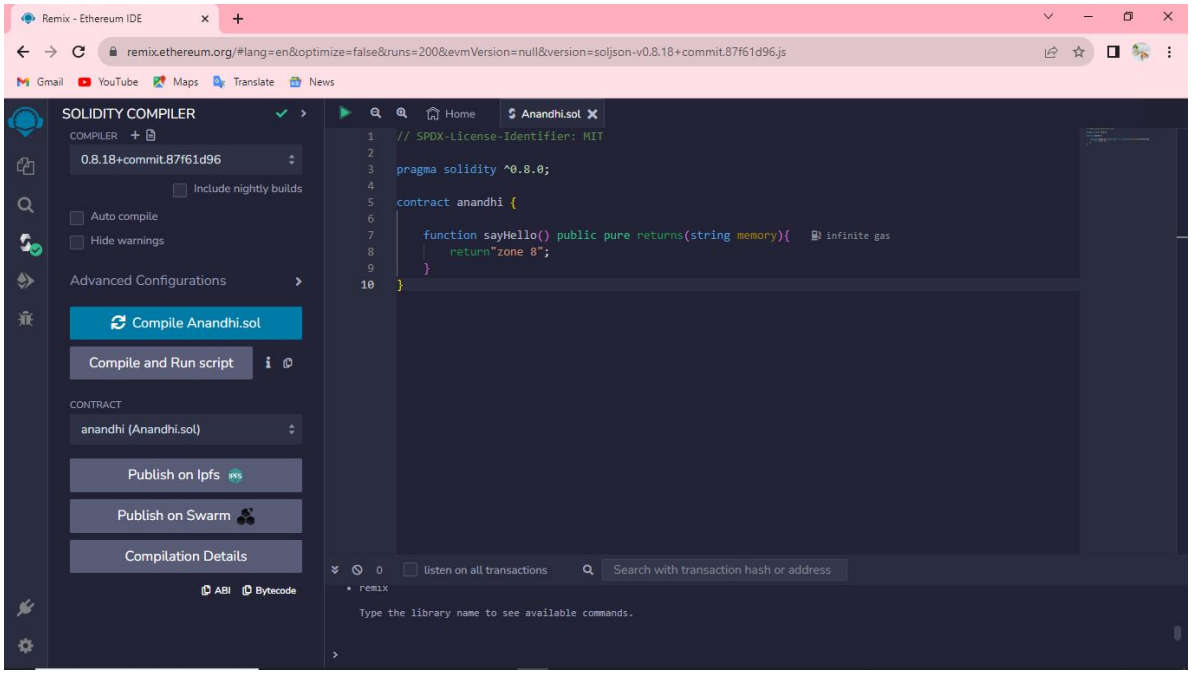
1. Go to the chrome and open remix platform



2. Open the remix page and create a new file


Remix - Ethereum IDE
remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.18+commit.87f61d96.js
Gmail
YouTube
Maps
Translate
News
FILE EXPLORER
WORKSPACES
default_workspace
artifacts
contracts
scripts
tests
.prettierrc.json
Anandhi.sol
README.txt
Home
Anandhi.sol
// SPDX-License-Identifier: MIT
pragma solidity ^0.8.0;
contract anandhi {
function sayHello() public pure returns(string memory){
infinite gas
return"zone 8";
}
}
listen on all transactions
Search with transaction hash or address
remix
Type the library name to see available commands.

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



PROGRAM:

```
// SPDX-License-Identifier: MIT
pragma solidity ^0.8.0;
contract anandhi {
    function getZoneName() public pure
    returns (string memory) {
        return "Zone name";
    }
}
```

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

ABI:


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


BYTECODE:


```
608060405234801561001057600080fd5b506101738061002060003
96000f3fe608060405234801561001057600080fd5b50600436106
1002b5760003560e01c8063ef5fb05b14610030575b600080fd5b61
003861004e565b604051610045919061011b565b60405180910390f
35b6060604051806040016040528060068152602001 7f7a6f6e6520
3800000000000000000000000000000000000000000000000000000
815250905090565b60008151905091905056 5b6000828252602082
019050929150505056 5b60005b838110156100c55780820151818401
5260208101905061 00aa565b60008484015250505050565b600060
1f19601f8301169050919050565b60006100ed8261008b565b6100f
78185610096565b935061010781856020860161 00a7565b610110
816100d1565b840191505092915050565b6000602082019050818103
60008301526101358184 6100e2565b90509291505056fea2646970
6735822122 0102c99eaf7fc8d968a93785dd24f0f52f1ac219157449
e1d397ae6b798a2928264736f6c63430008120033
```

5. Finally Deploy it to display the output