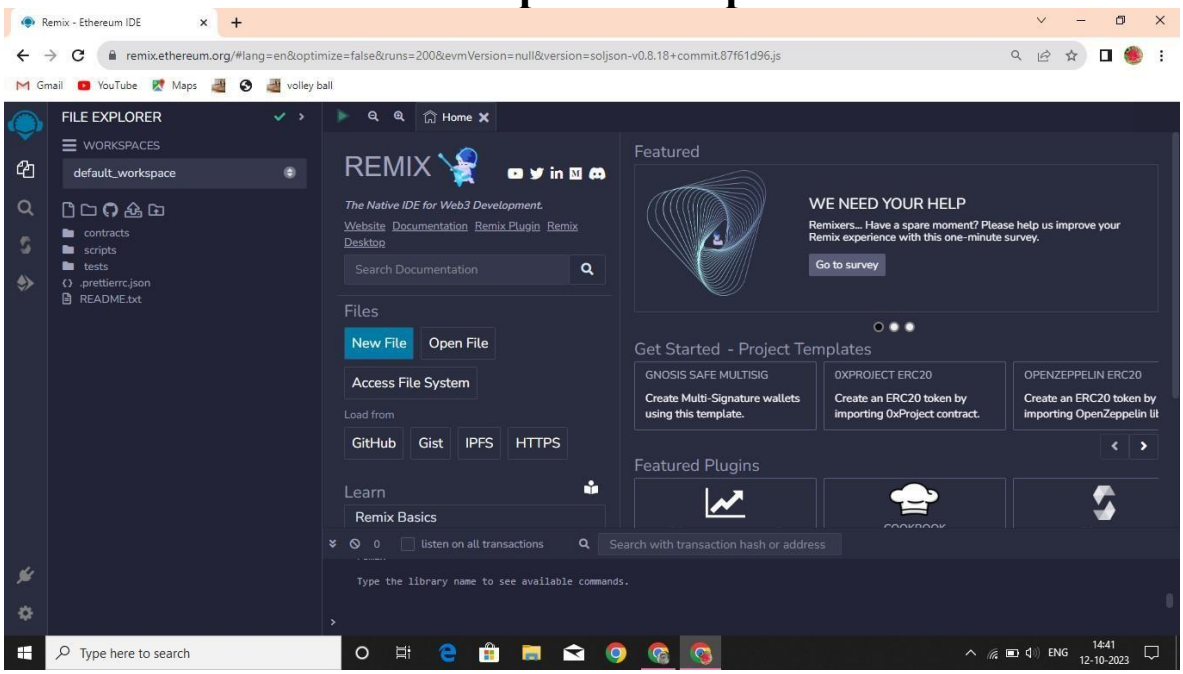
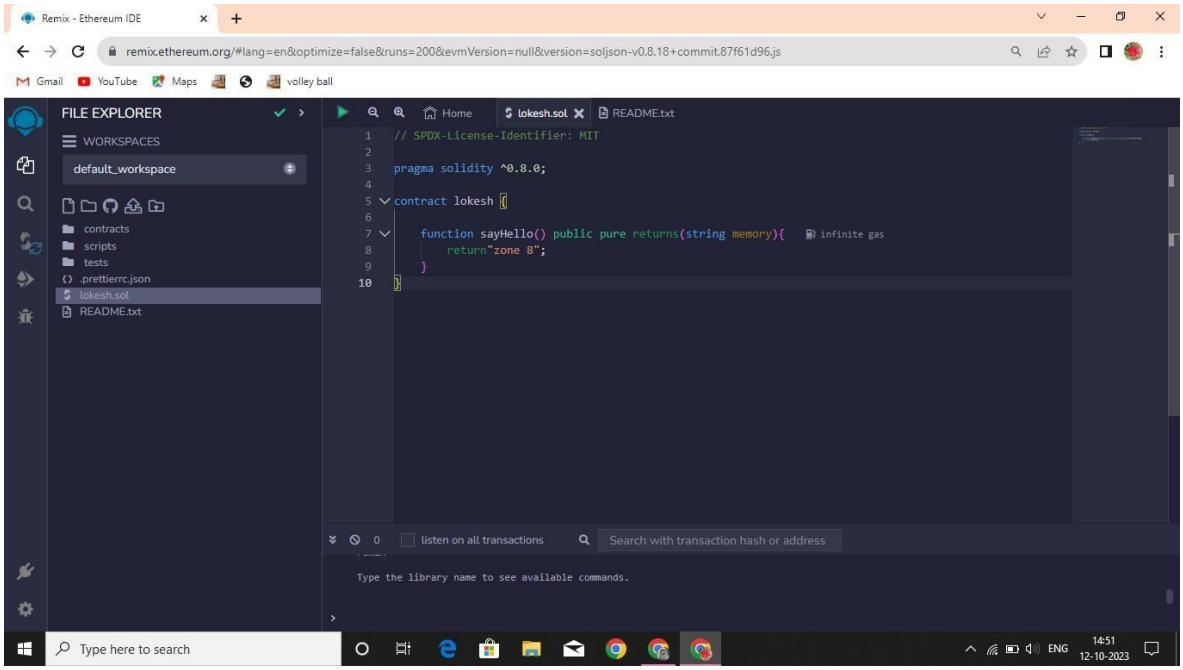
ASSIGNMENT-1

NAME	LOKESH.S
ZONE	8
COLLEGE	GANESH COLLEGE OF ENGINEERING
TEAM ID	NM2023TMID009890

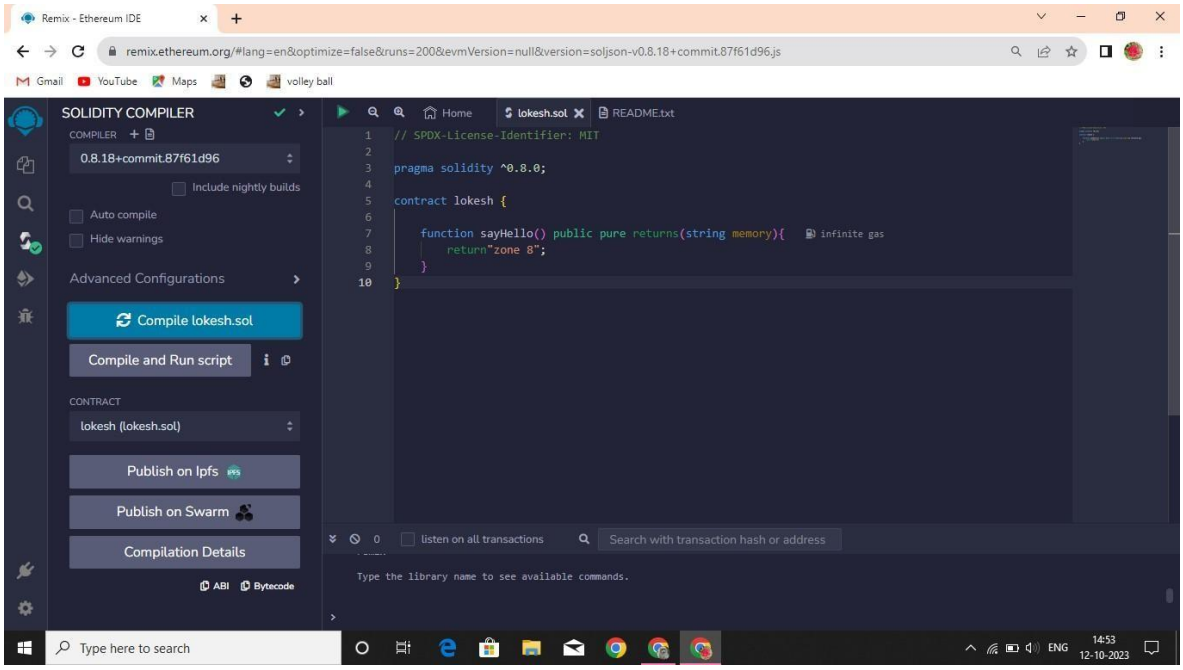
1. Go to the chrome and open remix platform



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
volley ball
FILE EXPLORER
WORKSPACES
default_workspace
contracts
scripts
tests
.prettierrc.json
lokesh.sol
README.txt
Home
lokesh.sol
README.txt
// SPDX-License-Identifier: MIT
pragma solidity ^0.8.0;
contract lokesh {
function sayHello() public pure returns(string memory){
infinite gas
return"zone 8";
}
}
listen on all transactions
Search with transaction hash or address
Type the library name to see available commands.
Type here to search
ENG
14:51
12-10-2023

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 lokesh {
    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:


```
608060405234801561001057600080fd5b5061017380610020600
0396000f3fe608060405234801561001057600080fd5b50600436106
1002b5760003560e01c8063ef5fb05b14610030575b600080fd5b61
003861004e565b604051610045919061011b565b60405180910390f
35b6060604051806040016040528060068152602001 7f7a6f6e6520
3800000000000000000000000000000000000000000000000000000
815250905090565b60008151905090565b6000828252602082
019050929150505 65b60005b838110156100c55780820151818401
5260208101905061 00aa565b60008484015250505050565b600060
1f19601f8301169050 9190505 65b60006100ed8261008b565b6100f
78185610096565b935061010781856020860161 00a7565b610110
816100d1565b840191505092915050565b6000602082019050818103
60008301526101 3581846100e2565b90509291505056fea2646970
667358221220baf59a7599b9a2e7c355a202f0bff8d4af7b6744f2167
18cfb0cbce9e70516d664736f6c63430008120033
```

5. Finally Deploy it to display the output