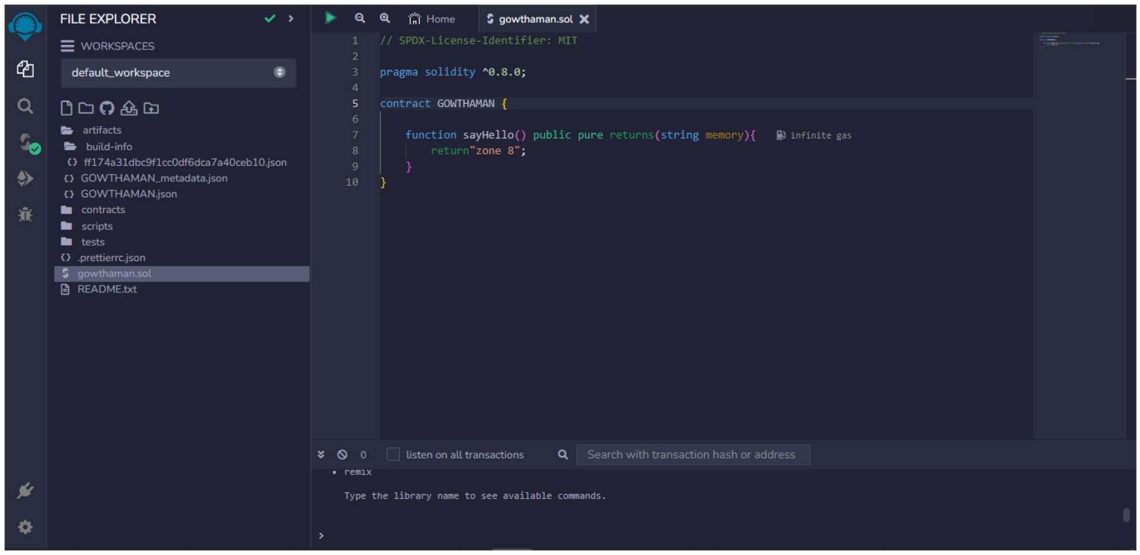
Assignment - I

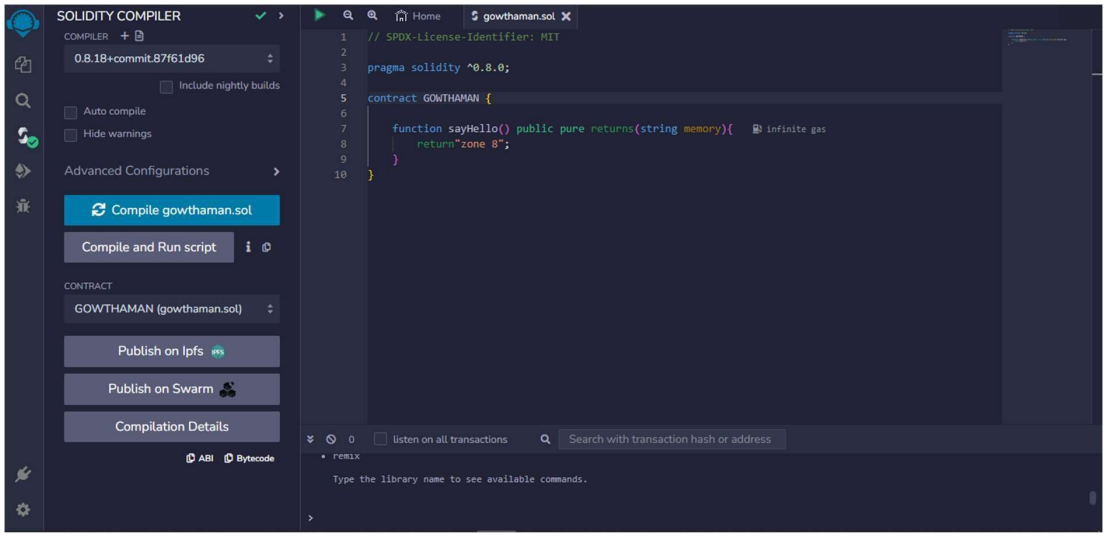
Name:	GOWTHAMAN. S
Team ID:	NM2023TMID00438
PROJECT NAME:	Digital Asset Management on the Ethereum Blockchain
NM ID:	F59B0DF6A968BCFABC840928D96B9E65

Output :

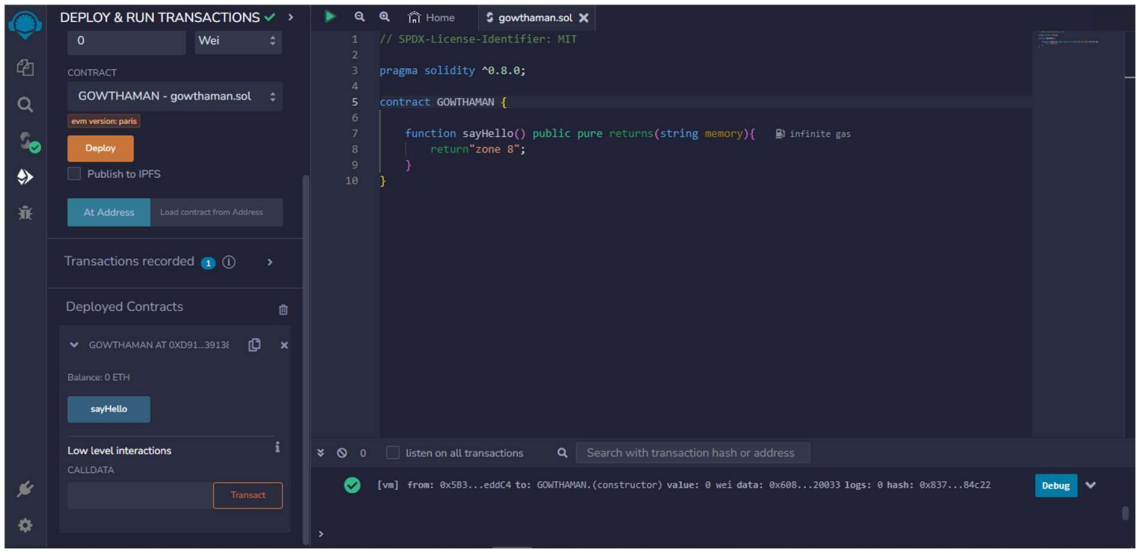
Step 1 :

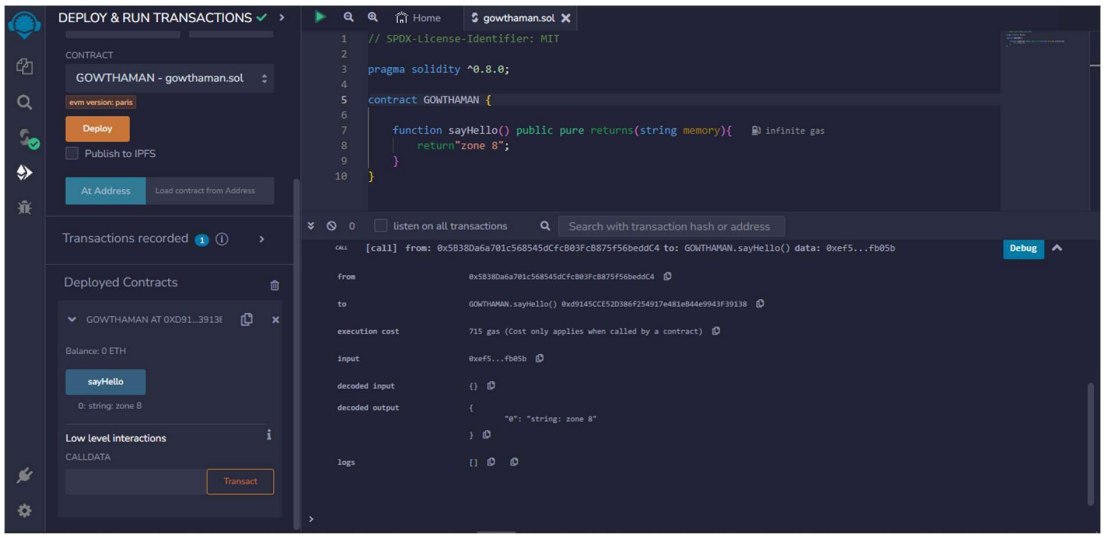


Step 2 :



Step 3 :


DEPLOY & RUN TRANSACTIONS
0
Wei
CONTRACT
GOWTHAMAN - gowthaman.sol
evm version: paris
Deploy
Publish to IPFS
At Address
Load contract from Address
Transactions recorded 1
Deployed Contracts
GOWTHAMAN AT 0XD91...3913E
Balance: 0 ETH
sayHello
Low level interactions
CALLDATA
Transact
Home
gowthaman.sol
// SPDX-License-Identifier: MIT
pragma solidity ^0.8.0;
contract GOWTHAMAN {
function sayHello() public pure returns(string memory){
infinite gas
return"zone 8";
}
}
listen on all transactions
Search with transaction hash or address
[vm] from: 0x5B3...eddC4 to: GOWTHAMAN.(constructor) value: 0 wei data: 0x608...20033 logs: 0 hash: 0x837...84c22
Debug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GOWTHAMAN AT 0XD91...3913E
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0: string: zone 8
Low level interactions
CALLDATA
Transact
Home
gowthaman.sol
// SPDX-License-Identifier: MIT
pragma solidity ^0.8.0;
contract GOWTHAMAN {
function sayHello() public pure returns(string memory){
infinite gas
return"zone 8";
}
}
listen on all transactions
Search with transaction hash or address
CALL
[call] from: 0x5B38Da6a701c568545dCfcB03FcB875f56beddC4 to: GOWTHAMAN.sayHello() data: 0xef5...fb05b
Debug
from
0x5B38Da6a701c568545dCfcB03FcB875f56beddC4
to
GOWTHAMAN.sayHello() 0xd9145CCE52D386f254917e481e844e9943F39138
execution cost
715 gas (Cost only applies when called by a contract)
input
0xef5...fb05b
decoded input
{}
decoded output
{
"0": "string: zone 8"
}
logs
[]

ABI :

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

Bytecode :

608060405234801561001057600080fd5b506101738061002060003960000f3fe608060405234801561
001057600080fd5b506004361061002b5760003560e01c8063ef5fb05b14610030575b600080fd5b61
003861004e565b60405161004591906101 1b565b60405180910390f35b6060604051806040016040 5
28060068152602001 7f7a6f6e65203800000000000000000000000000000000000000000000000000
008152509050 90565b600081519050919050565b6000828252602082019050929150 50565b60005b
838110156100c557808201518184015260208101905 06100aa565b60008484015250505050565b600
0601f19601f8301169050919050565b60006100ed8261008b565b6100f78185610096565b93506101
078185602086016100a7565b610110816100d1565b840191505092915050565b6000602082019050
81810360008301526101358184610 0e2565b90509291505056fea264697066735822122 0d21b32264
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