

## ASSIGNMENT-1

- **Create a program**

### **PROGRAM :**

```
// SPDX-License-Identifier: MIT
pragma solidity^0.8.0;

contract zonename{

    function blockchainTechnology() public pure returns(string
memory){
        return "blockchainTechnology";
    }
}
```

### **ABI & BYTECODE:**

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

608060405234801561001057600080fd5b5061017380610020600039  
6000f3fe608060405234801561001057600080fd5b506004361061002  
b5760003560e01c8063a740b99d14610030575b600080fd5b61003861  
004e565b604051610045919061011b565b60405180910390f35b6060  
6040518060400160405280601481526020017f626c6f636b636861696  
e546563686e6f6c6f677900000000000000000000000000000815250905090  
565b600081519050919050565b600082825260208201905092915050  
565b60005b838110156100c557808201518184015260208101905061  
00aa565b60008484015250505050565b6000601f19601f83011690509  
19050565b60006100ed8261008b565b6100f78185610096565b93506  
101078185602086016100a7565b610110816100d1565b84019150509  
2915050565b600060208201905081810360008301526101358184610  
0e2565b90509291505056fea264697066735822122004b30764934b09  
3c17b7de288907dd0118dcb051ff71a774d760bb57907cad9a64736f6c  
63430008120033

**OUTPUT:**

Remix - Ethereum IDE

remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.18+commit.87f61d96.js

**DEPLOY & RUN TRANSACTIONS**

GAS LIMIT: 3000000

VALUE: 0 Wei

CONTRACT: zonename - blockchainTechnology.sol

Deploy

At Address: Load contract from Address

Transactions recorded

Deployed Contracts

Balance: 0 ETH

Low level interactions

CALLDATA

Transact

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

[vm] from: 0x583...eddC4 to: zonename.(constructor) value: 0 wei data: 0x608...20833 logs: 0 hash: 0xdac...adF21

Debug

AUS - SL Live

ENG IN

20:28 16-10-2023