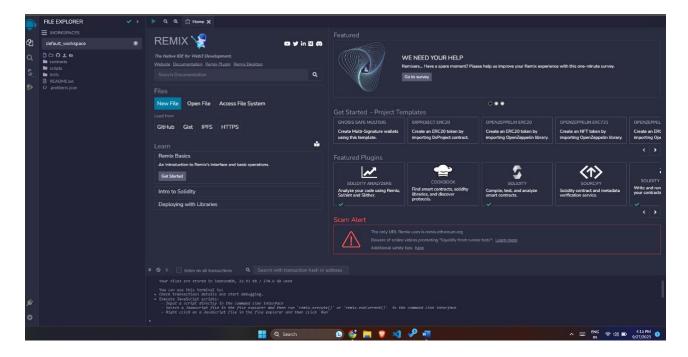
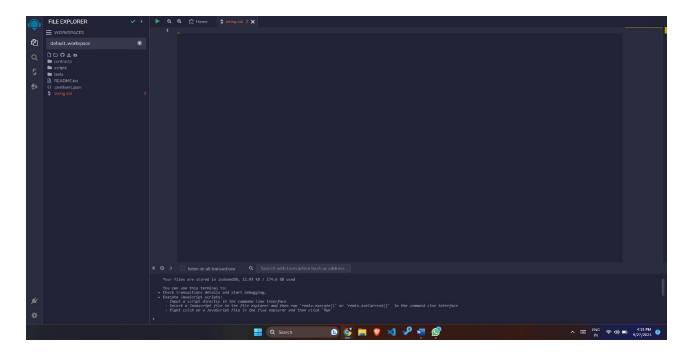
# **Blockchain Technology**

# **Assignment 1**

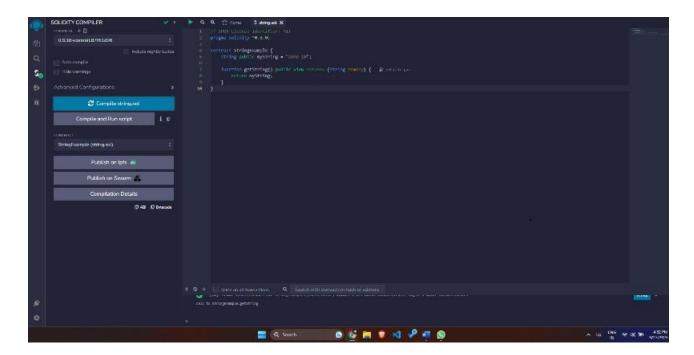
## 1. Open remix platform



## 2. Creating a new file



### 3. Program to return string



#### 4. ABI:

```
"inputs": [],
                  "name": "getString",
                  "outputs": [
                                     "internalType": "string",
                                     "name": "",
                                     "type": "string"
                            }
                  ],
"stateMutability": "view",
"type": "function"
         },
{
                  "inputs": [],
"name": "myString",
                  "outputs": [
                                     "internalType": "string",
                                     "name": "",
                                     "type": "string"
                            }
                  ],
"stateMutability": "view",
"type": "function"
         }
]
```

#### Byte code:

60806040526040518060400160405280600781526020017f5a6f6e6520313000000000000 5034801561005557600080fd5b5061037d565b600081519050919050565b7f4e487b71000 0600052602260045260246000fd5b600060028204905060018216806100dc57607f821691 505b6020821081036100ef576100ee610095565b5b50919050565b6000819050816000526 0206000209050919050565b60006020601f8301049050919050565b600082821b90509291 1a565b610161868361011a565b95508019841693508086168417925050509392505050565 b6000819050919050565b6000819050919050565b60006101a86101a361019e8461017956 5b610183565b610179565b9050919050565b6000819050919050565b6101c28361018d565 b6101d66101ce826101af565b848454610127565b825550505050565b600090565b6101eb 6101de565b6101f68184846101b9565b505050565b5b8181101561021a5761020f6000826 101e3565b6001810190506101fc565b5050565b601f82111561025f57610230816100f5565 b6102398461010a565b81016020851015610248578190505b61025c6102548561010a565b 8301826101fb565b50505b505050565b600082821c905092915050565b600061028260001 984600802610264565b1980831691505092915050565b600061029b8383610271565b915 0826002028217905092915050565b6102b48261005b565b67fffffffffffffffff8111156102cd57 6102cc610066565b5b6102d782546100c4565b6102e282828561021e565b6000602090506 01f8311600181146103155760008415610303578287015190505b61030d858261028f565b 865550610375565b601f198416610323866100f5565b60005b8281101561034b578489015 18255600182019150602085019450602081019050610326565b8683101561036857848901 51610364601f891682610271565b8355505b6001600288020188555050505b505050505 0565b6102df8061038c6000396000f3fe608060405234801561001057600080fd5b5060043 6106100365760003560e01c8063492bfa181461003b57806389ea642f14610059575b60008 0fd5b610043610077565b6040516100509190610227565b60405180910390f35b61006161 0105565b60405161006e9190610227565b60405180910390f35b600080546100849061027 8565b80601f01602080910402602001604051908101604052809291908181526020018280 546100b090610278565b80156100fd5780601f106100d2576101008083540402835291602 001916100fd565b820191906000526020600020905b815481529060010190602001808311 6100e057829003601f168201915b50505050505081565b60606000805461011490610278565 b80601f016020809104026020016040519081016040528092919081815260200182805461 014090610278565b801561018d5780601f106101625761010080835404028352916020019 161018d565b820191906000526020600020905b815481529060010190602001808311610 17057829003601f168201915b5050505050905090565b600081519050919050565b600082 825260208201905092915050565b60005b838110156101d1578082015181840152602081 0190506101b6565b60008484015250505050565b6000601f19601f8301169050919050565 b60006101f982610197565b61020381856101a2565b93506102138185602086016101b356 5b61021c816101dd565b840191505092915050565b6000602082019050818103600083015 

### 5. Deploying:

