BT

Student Data Program

pragma solidity ^0.7.5;

contract MarksManagmtSys

{

    struct Student

    {

        int ID;

        string fName;

        string lName;

        int marks;

    }

    address owner;

    int public stdCount = 0;

    mapping(int => Student) public stdRecords;

    modifier onlyOwner

    {

        require(owner == msg.sender);

        \_;

    }

    constructor()

    {

        owner=msg.sender;

    }

    function addNewRecords(int \_ID,

                        string memory \_fName,

                        string memory \_lName,

                        int \_marks) public onlyOwner

    {

        stdCount = stdCount + 1;

        stdRecords[stdCount] = Student(\_ID, \_fName,

                                    \_lName, \_marks);

    }

    function bonusMarks(int \_bonus) public onlyOwner

    {

        stdRecords[stdCount].marks =

                    stdRecords[stdCount].marks + \_bonus;

    }

}

Bank Program

pragma solidity ^0.7.0;

contract BankContract {

    uint bankbalance=5000;

    function deposit(uint x) public{

        bankbalance=bankbalance+x;

    }

    function withdraw(uint x) public{

        bankbalance=bankbalance-x;

    }

    function showbalance() public view returns(uint){

        return bankbalance;

    }

}