```
// SPDX-License-Identifier: Unlicensed
// Solidity program to implement
// the above approach
pragma solidity >= 0.7.0<0.8.0;

// Build the Contract
contract MarksManagmtSys
{
      // Create a structure for
      // student details
      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;
      }

      // Create a function to add
      // the new records
      function addNewRecords(int _ID,
                                 string memory _fName,
                                 string memory _lName,
                                 int _marks) public onlyOwner
      {
            // Increase the count by 1
            stdCount = stdCount + 1;

            // Fetch the student details
            // with the help of stdCount
            stdRecords[stdCount] = Student(_ID, _fName,
                                                      _lName, _marks);
      }

      // Create a function to add bonus marks
      function bonusMarks(int _bonus) public onlyOwner
      {
            stdRecords[stdCount].marks =
                              stdRecords[stdCount].marks + _bonus;
      }
```

```
    // Creating the sender contract

  function transfer() public payable
  {


  }

}
```