```
//SPDX-License-Identifier:MIT
pragma solidity ^0.8.15;
contract StudentData{
  struct Student{
     string fname;
     string Iname;
     uint rollId;
  Student[] private studentsList;
  function addStudent(string memory fname, string memory lname, uint rollId)public returns (string memory
y){
     require(rollId > 0, "Roll Id cannot ne 0");
     studentsList.push(Student(fname,Iname,rollId));
     return "Added student successfully";
  function getStudent(uint rollId) public view returns (Student memory){
     bool found:
     Student memory student;
     for(uint i=0; i < studentsList.length;i++){
       if(studentsList[i].rollId != rollId) continue;
       found=true;
       student=studentsList[i];
       break;
     require(found,"No sucg student exists!");
     return student;
  function removeStudent(uint rollId) public returns(string memory){
     bool found;
     uint idx:
     for(uint i=0; i< studentsList.length;i++){
       if(studentsList[i].rollId != rollId) continue;
        found=true;
        idx=i;
        break;
     require(found, "No such student exists!");
     studentsList[idx]=studentsList[studentsList.length-1];
     studentsList.pop();
```

```
return "Remove student successfully!";
}
fallback() external { revert("Not allowed");}
}
```

OUTPUT

Welcome to Remix 0.35.1

Your files are stored in indexedDB, 16.95 KB / 71.15 GB used

You can use this terminal to:

Check transactions details and start debugging.

Execute JavaScript scripts:

- Input a script directly in the command line interface
- Select a Javascript file in the file explorer and then run 'remix.execute()' or 'remix.exeCurrent()' in the command line interface
- Right click on a JavaScript file in the file explorer and then click 'Run'

The following libraries are accessible:

web3 version 1.5.2

ethers.js

remix

Type the library name to see available commands.