

```

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

contract StudentData {

    // Student data ko store karne ke liye ek structure banaya
    struct Student {
        uint id;           // Student ka unique ID
        string name;       // Student ka naam
        uint age;          // Student ki umra
        string grade;      // Student ka grade
    }

    // Array banaya jisme students ke records store honge
    Student[] public students;

    // Fallback function jo call hone par handle karega agar koi function match na
    kare
    fallback() external payable {}

    // Function to add new student
    function addStudent(uint _id, string memory _name, uint _age, string memory
_grade) public {
        students.push(Student(_id, _name, _age, _grade)); // Student ko array mein
add karna
    }

    // Function to get student details by ID
    function getStudent(uint _id) public view returns (uint, string memory, uint,
string memory) {
        for (uint i = 0; i < students.length; i++) {
            if (students[i].id == _id) {
                return (students[i].id, students[i].name, students[i].age,
students[i].grade);
            }
        }
        revert("Student not found");
    }
}

```