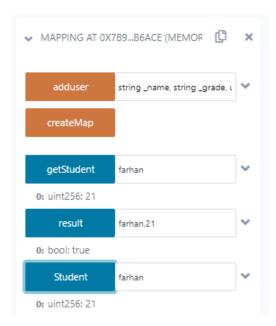
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Mapping:

```
pragma solidity ^0.5.0;
contract Mapping {
    struct Students{
       string name;
        string grade;
       uint marks;
    }
    mapping(string => uint) public Student;
   mapping(string => mapping(uint256 => bool)) public result;
    Students[] student;
    function adduser(string memory name, string memory grade, uint256
marks)public {
         student.push(Students( name, grade, marks));
    function createMap()public {
        for(uint256 i = 0; i < student.length; i++) {</pre>
            uint mark = student[i].marks;
            string memory name = student[i].name;
            Student[name] = mark;
            if(mark < 20){
                result[name][mark] = false;
            } else {
                result[name][mark] = true;
        }
    }
    function getStudent(string memory name)public view returns
(uint256) {
        return Student[ name];
   }
```



Inheritance:

```
pragma solidity ^0.5.0;
contract quadrilateral{
    int public sides = 4;
    int public sumAngles = 360;
}
contract rombus is quadrilateral{
   bool public sidesConcurent = true;
}
contract reactangle is quadrilateral{
   bool public angleConcurent = true;
}
contract square is rombus, reactangle{
 ▼ QUADRILATERAL AT 0XAE0...96B8B (N 
      sides
   0: int256: 4
    sumAngles
   0: int256: 360
```

