Create a .sol file on REMIX with:

```
pragma solidity ^0.4.18;

contract Courses {

    struct Instructor {
        uint age;
        string fName;
        string lName;
    }

    // Mapping Instructor struct to an Ethereum address.
    mapping (address => Instructor) instructors;
    address[] public instructorAccts;

    function setInstructor(address _address, uint _age, string _fName, string _lName) public {
        var instructor = instructors[_address];

        instructor.age = _age;
        instructor.fName = _fName;
        instructor.lName = _lName;

        instructorAccts.push(_address) -1;
    }

    // Return a list of addresses from instructorAccts
    function getInstructors() view public returns(address[]) {
        return instructorAccts;
    }

    // Retrieve a specific instructor based on a provided address
    function getInstructor(address _address) view public returns (uint, string, string) {
        return (instructors[_address].age, instructors[_address].fName,
instructors[_address].lName);
    }

    // Count how many instructors
    function countInstructors() view public returns (uint) {
        return instructorAccts.length;
    }
}
```

If you got the error with ‘Warning: Use of the "var" keyword is deprecated’ when you try to compile the .sol file,

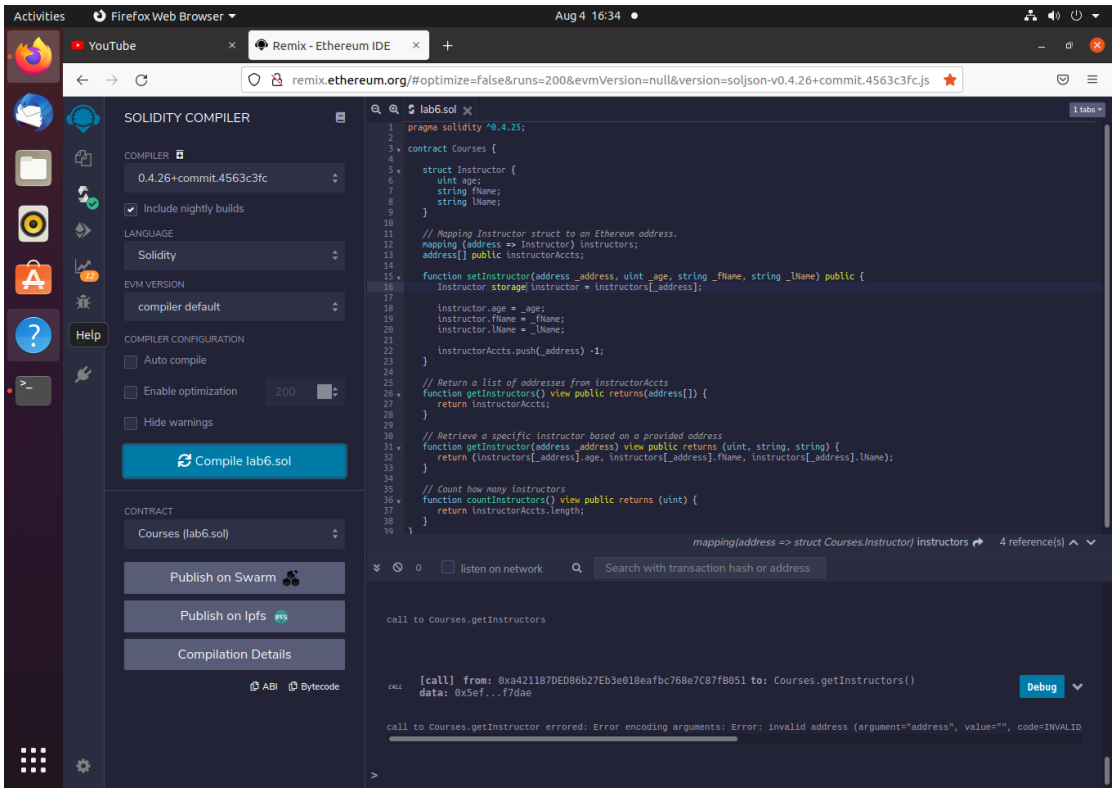
We change the

‘var instructor = instructors[_address]; ‘

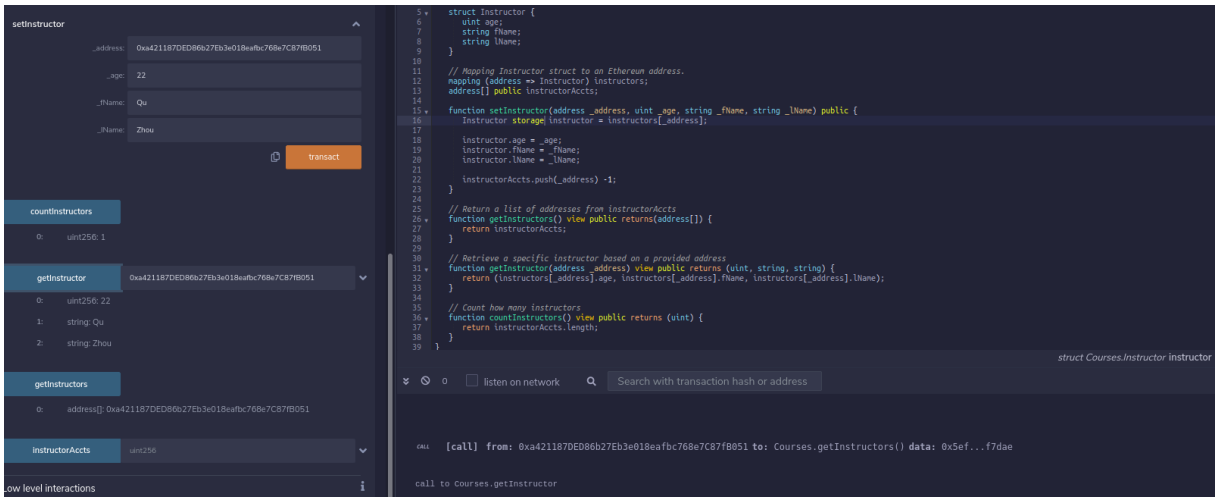
To

‘Instructor storage instructor = instructors[_address];’

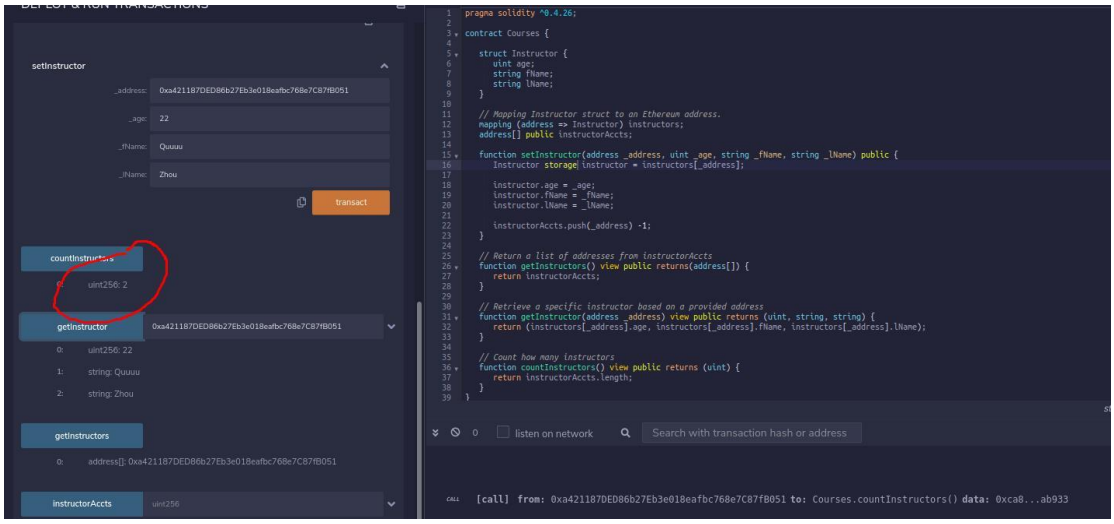
Then problem should be fixed



Then we click Deploy to do the testing (address should use the account address):



I enter the second list of data, then click CountInstructor it change to 2



CountInstructor number will increase by how many dataset user entered: