

Create a .sol file on REMIX with:

```
pragma solidity ^0.4.25;
contract Coursetro {

    string fName;
    uint age;
    address owner;

    event Instructor(
        string name,
        uint age
    );

    constructor() public { // Add this constructor
        owner = msg.sender;
    }

    modifier onlyOwner {
        require(msg.sender == owner);
        _;
    }

    function setInstructor(string _fName, uint _age) onlyOwner public {
        fName = _fName;
        age = _age;
        emit Instructor(_fName, _age);
    }

    function getInstructor() view public returns (string, uint) {
        return (fName, age);
    }
}
```

Create an .html file with (remember Compile your .sol file to get **ABI code**, then click Deploy to get **Address**):

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>Document</title>
    <link rel="stylesheet" type="text/css" href="main.css">
    <script src="./node_modules/web3/dist/web3.min.js"></script>
```

```

</head>
<body>
  <div class="container">
    <h1>Coursetro Instructor</h1>
    <h2 id="instructor"></h2>
    
    <label for="name" class="col-lg-2 control-label">Instructor
Name</label>
    <input id="name" type="text">
    <label for="age" class="col-lg-2 control-label">Instructor Age</label>
    <input id="age" type="text">
    <button id="button">Update Instructor</button>
  </div>
  <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js"></script>
  <script>
    var web3;
    if (typeof web3 !== 'undefined') {
      web3 = new Web3(web3.currentProvider);
      console.log("1");
    } else {
      // set the provider you want from Web3.providers
      //web3 = new Web3(new
Web3.providers.HttpProvider("http://localhost:8545"));
      web3 = new Web3(new
Web3.providers.HttpProvider('http://localhost:8545'));
      //web3.setProvider(new
web3.providers.HttpProvider('http://localhost:8545'));
      if(!web3.isConnected()) {
        console.log('not-connected');
      } else {
        console.log('connected');
      }
    }
    web3.eth.defaultAccount = web3.eth.accounts[1];
    var CoursetroContract = web3.eth.contract("replace this sentence with your ABI code from Remix
IDE");
    var Coursetro = CoursetroContract.at("replace this sentence with your project address");
    console.log(Coursetro);
    var instructorEvent = Coursetro.Instructor();
    instructorEvent.watch(function(error, result){
      if (!error)
      {
        $("#instructor").html(result.args.name + ' (' + result.args.age + ' years

```

```

old));
$("#loader").hide();
} else {
$("#loader").hide();
console.log(error);
}
});
$("#button").click(function() {
Coursetro.setInstructor($("#name").val(), $("#age").val(), (err, res) => {
  if (err) {
    $("#loader").hide();
    console.log('oh no');
  }
});
$("#loader").show();
});
</script>
</body>
</html>

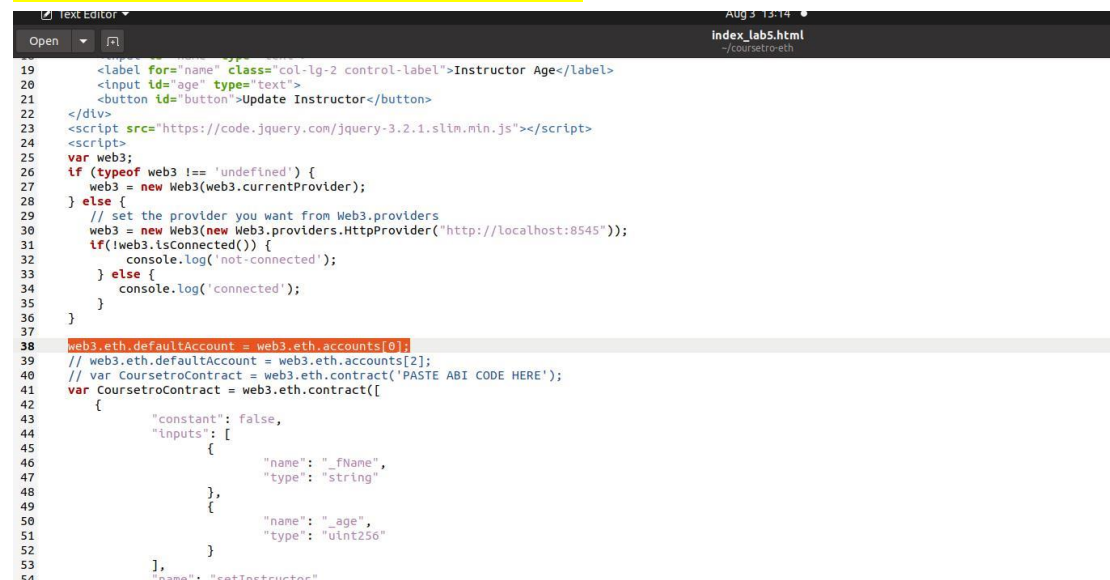
```

From

```
web3.eth.defaultAccount = web3.eth.accounts[0];
```

To

```
web3.eth.defaultAccount = web3.eth.accounts[2];
```



```

19 <label for="name" class="col-lg-2 control-label">Instructor Age</label>
20 <input id="age" type="text">
21 <button id="button">Update Instructor</button>
22 </div>
23 <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js"></script>
24 <script>
25 var web3;
26 if (typeof web3 !== 'undefined') {
27   web3 = new Web3(web3.currentProvider);
28 } else {
29   // set the provider you want from Web3.providers
30   web3 = new Web3(new Web3.providers.HttpProvider("http://localhost:8545"));
31   if(!web3.isConnected()) {
32     console.log('not-connected');
33   } else {
34     console.log('connected');
35   }
36 }
37
38 web3.eth.defaultAccount = web3.eth.accounts[0];
39 // web3.eth.defaultAccount = web3.eth.accounts[2];
40 // var CoursetroContract = web3.eth.contract('PASTE ABI CODE HERE');
41 var CoursetroContract = web3.eth.contract([
42   {
43     "constant": false,
44     "inputs": [
45       {
46         "name": "_fName",
47         "type": "string",
48       },
49       {
50         "name": "_age",
51         "type": "uint256"
52       }
53     ],
54     "name": "setInstructor"
55   }
56 ], {
57   "data": "0x"
58 });
59
60 $(document).ready(function() {
61   $("#button").click(function() {
62     var name = $("#name").val();
63     var age = $("#age").val();
64     CoursetroContract.methods.setInstructor(name, age).sendTransaction(
65       web3.eth.defaultAccount, web3.eth.sendTransaction({
66         from: web3.eth.defaultAccount,
67         to: "0x",
68         value: 0,
69         gas: 1000000
70       })
71     );
72   });
73 });
74
75 </script>
76 </body>
77 </html>

```

