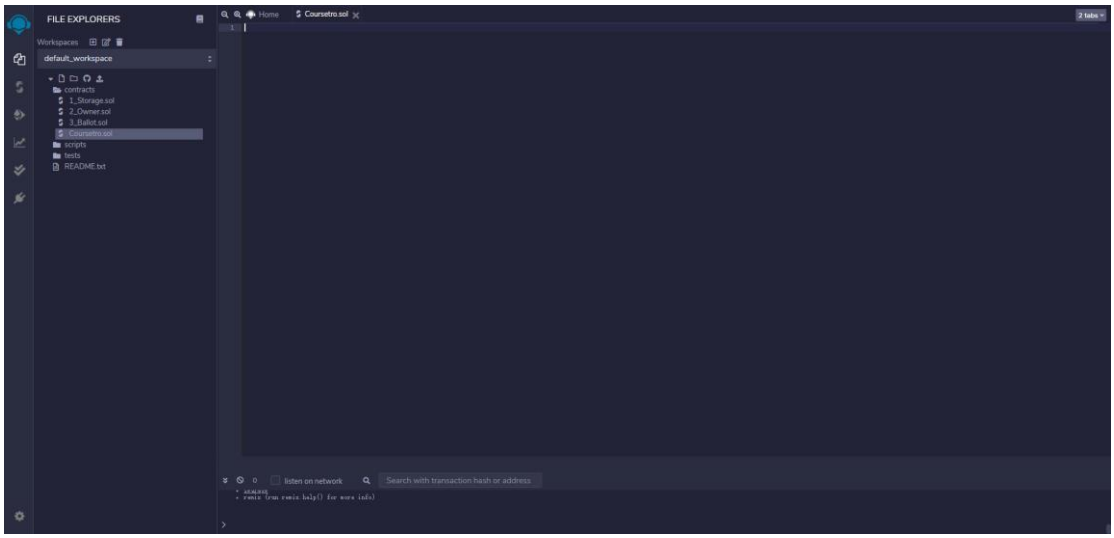
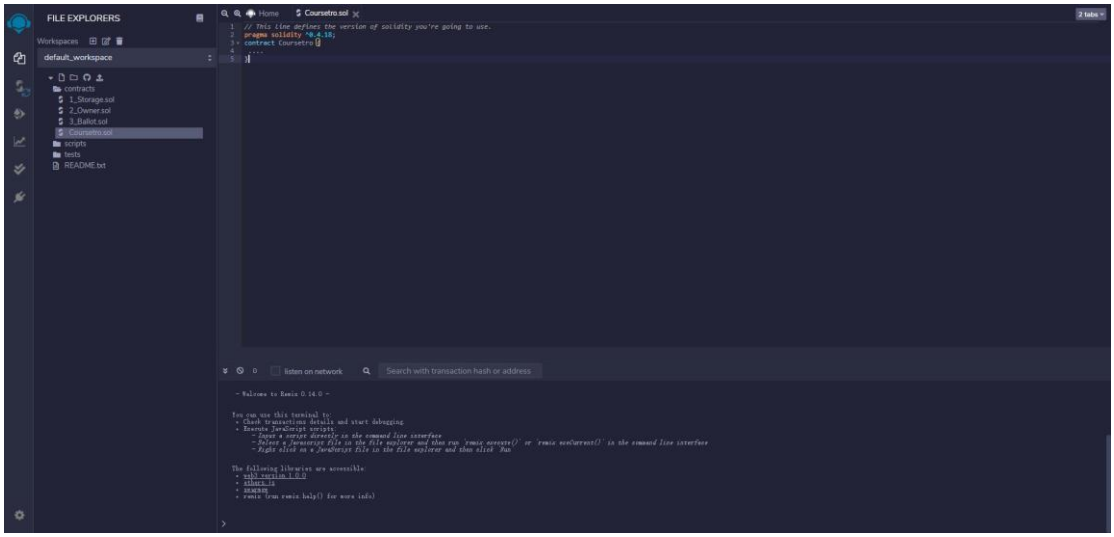
Go to the website: http://remix.ethereum.org

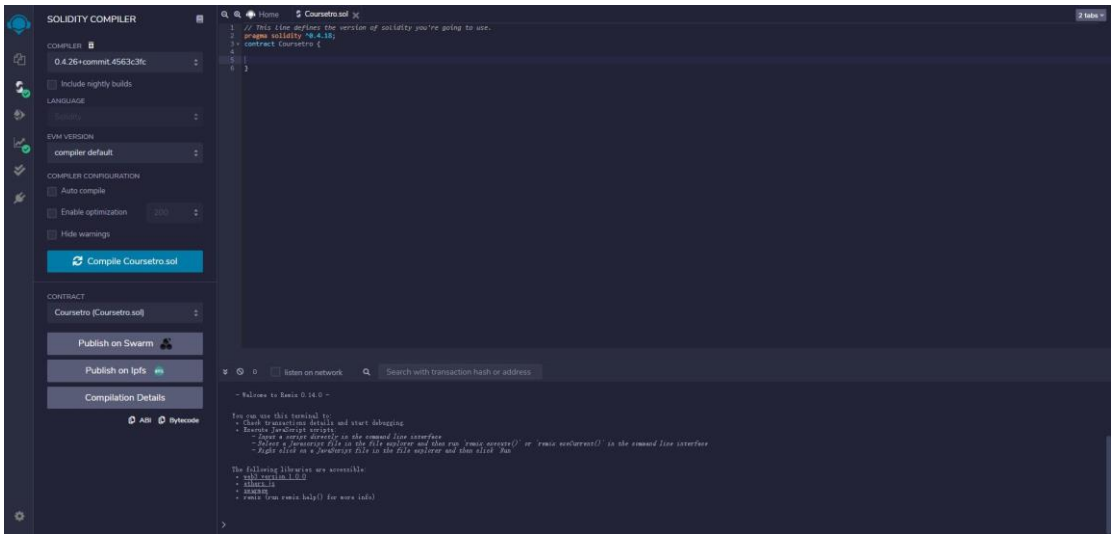
And create a file named Coursetro.sol



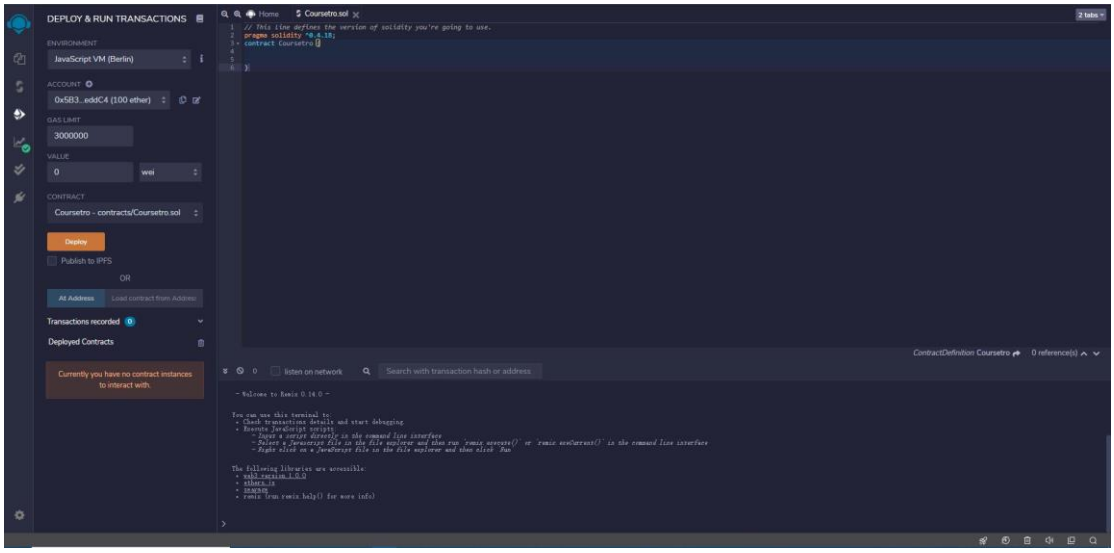
We can enter at the right side



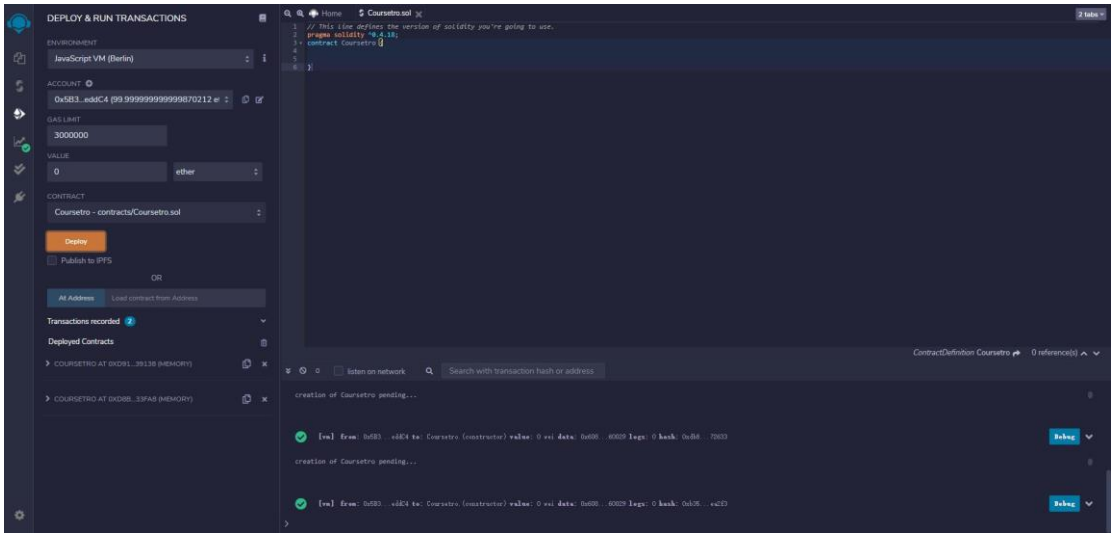
We can go to SOLIDITY COMPILER(on the left) and click Compile



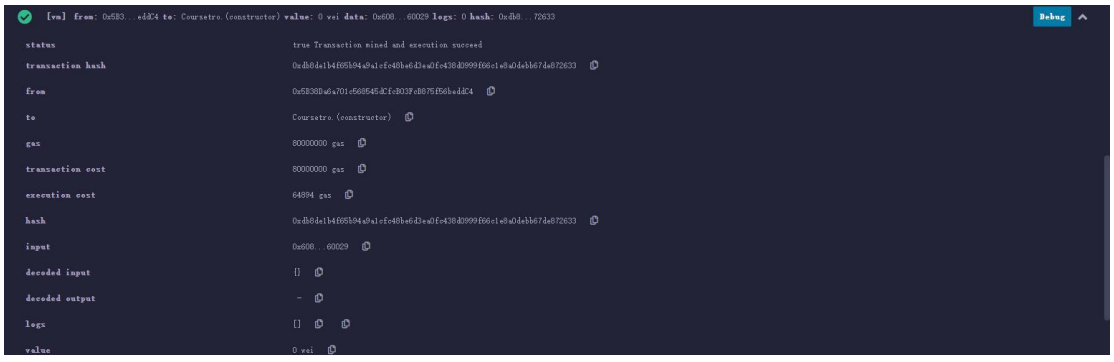
Then go to DEPLOY & RUN TRANSACTIONS (on the left), and make the setting



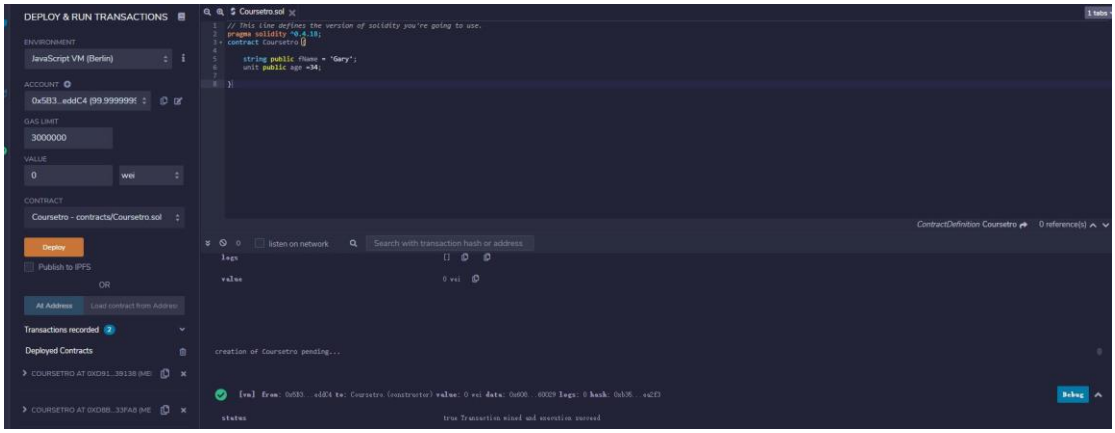
Click Deploy, run to test it



We can see the running detail on the bottom



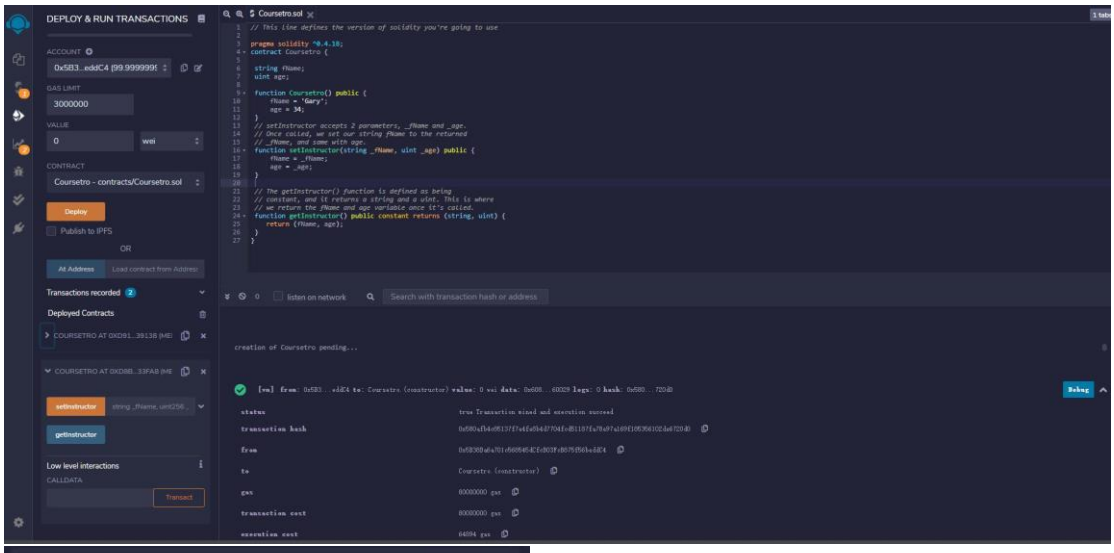
In Solidity, you define a variable by first specifying its type

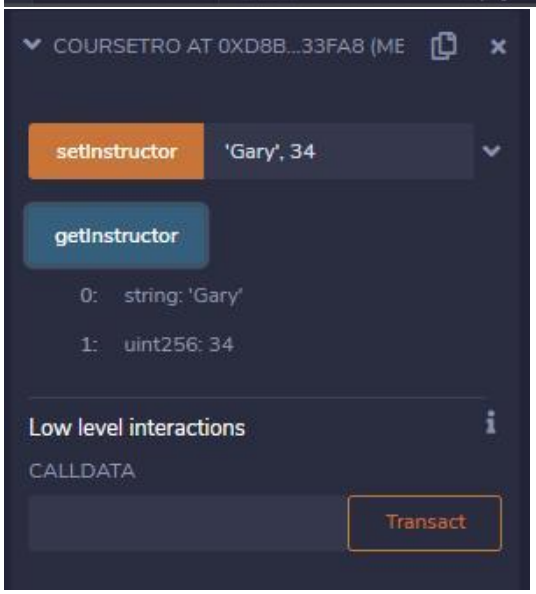


Let's do the testing now !!!!!!!
Write down these in the right:

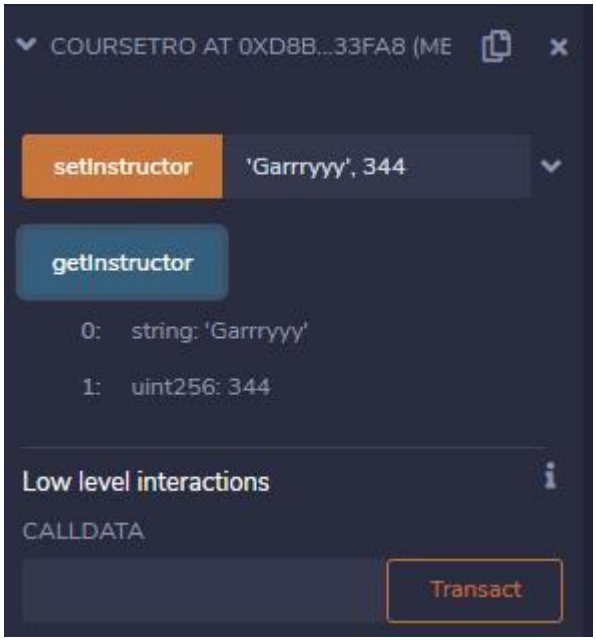
```
pragma solidity ^0.4.18;
contract Coursetro {

  string fName;
  uint age;

  function Coursetro() public {
  fName = 'Gary';
  age = 34;
  }
  // setInstructor accepts 2 parameters, _fName and _age.
  // Once called, we set our string fName to the returned
  // _fName, and same with age.
  function setInstructor(string _fName, uint _age) public {
  fName = _fName;
  age = _age;
  }
// The getInstructor() function is defined as being
  // constant, and it returns a string and a uint. This is where
  // we return the fName and age variable once it's called.
  function getInstructor() public constant returns (string, uint) {
  return (fName, age);
  }
}
```

Then we can click Deploy, but make sure click Compile (SOLIDITY COMPILER)
After the setInstructor button, we can type in to testing
Then click on the getInstructor button and you will notice it now returns the inputted value!





When enter new values, need to click setInstructor first, then get input value




COURSETRO AT 0XD8B...33FA8 (ME
setInstructor
_fName:
"fagg"
_age:
"8888"
transact
getInstructor
0: string: fagg
1: uint256: 8888