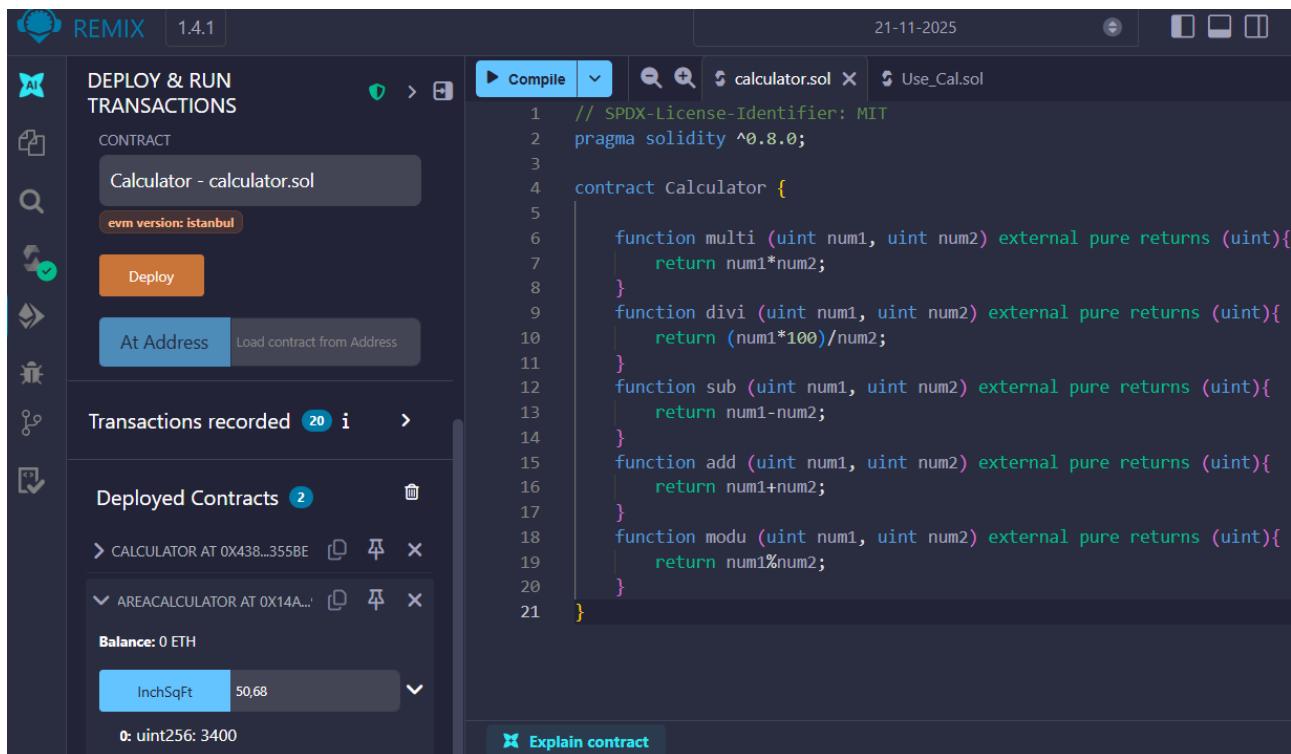


Inferface

Interfaces are particularly useful when you want to interact with a contract whose source code you don't have. By knowing the interface, you can call the functions of the external contract

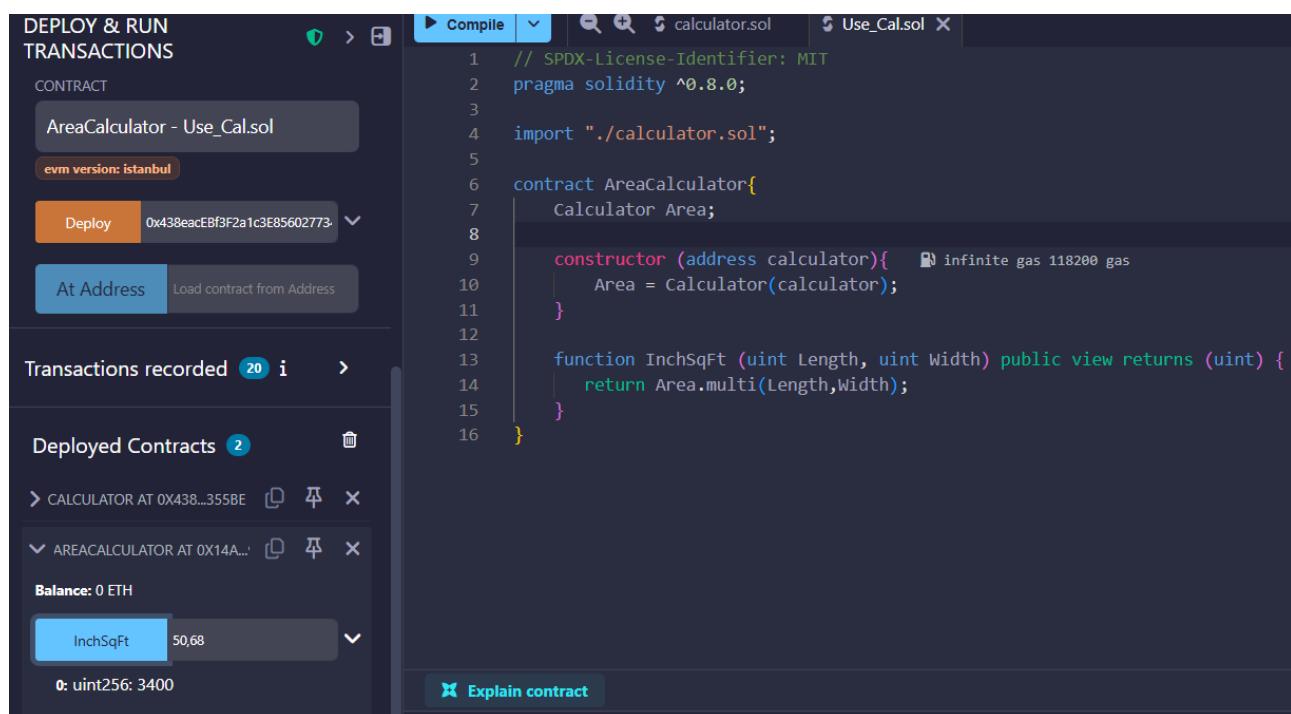


The screenshot shows the REMIX IDE interface with the following details:

- Top Bar:** Shows the REMIX logo, version 1.4.1, and the date 21-11-2025.
- Left Sidebar:** Includes icons for AI, Deploy & Run Transactions, Contract, and a search bar labeled "Calculator - calculator.sol". Below it, "Transactions recorded" shows 20 items, and "Deployed Contracts" lists "CALCULATOR AT 0x438...355BE" and "AREACALCULATOR AT 0X14A...".
- Middle Panel:** A "Deploy" button is visible above the contract code area. The "At Address" button is selected.
- Code Area:** Displays the source code for the `calculator.sol` contract:

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

contract Calculator {
    function multi (uint num1, uint num2) external pure returns (uint){
        return num1*num2;
    }
    function divi (uint num1, uint num2) external pure returns (uint){
        return (num1*100)/num2;
    }
    function sub (uint num1, uint num2) external pure returns (uint){
        return num1-num2;
    }
    function add (uint num1, uint num2) external pure returns (uint){
        return num1+num2;
    }
    function modu (uint num1, uint num2) external pure returns (uint){
        return num1%num2;
    }
}
```
- Bottom Panel:** An "Explain contract" button is located at the bottom right.



The screenshot shows the REMIX IDE interface with the following details:

- Top Bar:** Shows the REMIX logo, version 1.4.1, and the date 21-11-2025.
- Left Sidebar:** Includes icons for AI, Deploy & Run Transactions, Contract, and a search bar labeled "AreaCalculator - Use_Cal.sol". Below it, "Transactions recorded" shows 20 items, and "Deployed Contracts" lists "CALCULATOR AT 0x438...355BE" and "AREACALCULATOR AT 0X14A...".
- Middle Panel:** A "Deploy" button is visible above the contract code area. The "At Address" button is selected.
- Code Area:** Displays the source code for the `Use_Cal.sol` contract:

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

import "./calculator.sol";

contract AreaCalculator{
    Calculator Area;
    constructor (address calculator){ infinite gas 118200 gas
        Area = Calculator(calculator);
    }
    function InchSqFt (uint Length, uint Width) public view returns (uint) {
        return Area.multi(Length,Width);
    }
}
```
- Bottom Panel:** An "Explain contract" button is located at the bottom right.