

```
1 // contracts/Box.sol
2 // SPDX-License-Identifier: MIT
3 pragma solidity ^0.8.0;
4
5 import "@openzeppelin/contracts/access/Ownable.sol";
6
7 contract Box is Ownable {
8     uint256 private value;
9
10    // Emitted when the stored value changes
11    event ValueChanged(uint256 newValue);
12
13    // Stores a new value in the contract
14    function store(uint256 newValue) public onlyOwner {
15        value = newValue;
16        emit ValueChanged(newValue);
17    }
18
19    // Reads the last stored value
20    function retrieve() public view returns (uint256) {
21        return value;
22    }
23 }
24
```