



Smart Contract Bug 1

Security Bug



Contract

```
contract Example {  
  
    address public owner;  
    string private mySecret;  
  
    constructor {  
        owner = msg.sender;  
    }  
  
    function setSecret(string _secret) public {  
        require(msg.sender == owner);  
        mySecret = _secret;  
    }  
  
    function getSecret() public returns (string) {  
        require(msg.sender == owner);  
        return mySecret;  
    }  
}
```

Any variable is readable on the public Ethereum blockchain.

Declaring a variable private only restricts the automatic creation of getter for that variable, but does not hide it.

Hint: who would be able to read *mySecret*?