



```
bytes32 private constant  
        keccak256 “proxy.implementation”
```

```
function setAddress(address  
  
        sstore
```

```
function payable public  
        delegatecall
```



Proxy


























```
*keccak256("proxy.implementation")
```

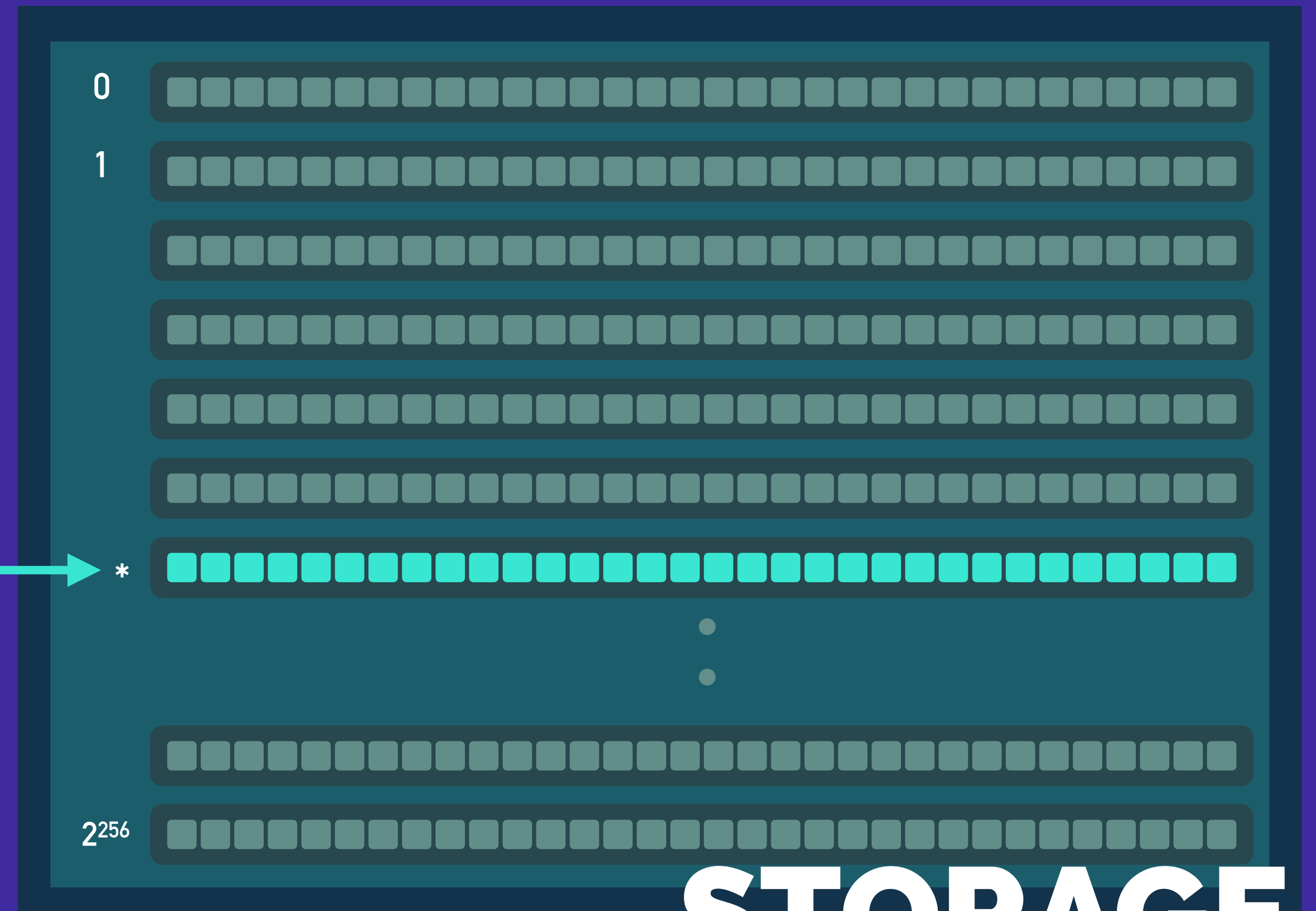


```
contract Proxy {  
  
    bytes32 private constant implementationPos =  
        keccak256("proxy.implementation");  
  
    function setAddress(address _implementation) {  
        assembly {  
            sstore(implementationPos, _implementation)  
        }  
    }  
  
    function () payable public {  
        ... delegatecall() ...  
    }  
  
}
```

* keccak256("proxy.implementation")



Proxy



STORAGE

```

contract Proxy {

    bytes32 private constant implementationPos =
        keccak256("proxy.implementation");

    function setAddress(address _implementation) {
        assembly {
            sstore(implementationPos, _implementation)
        }
    }

    function getAddress() returns(address _implementation) {
        assembly {
            _implementation := sload(implementationPos)
        }
    }

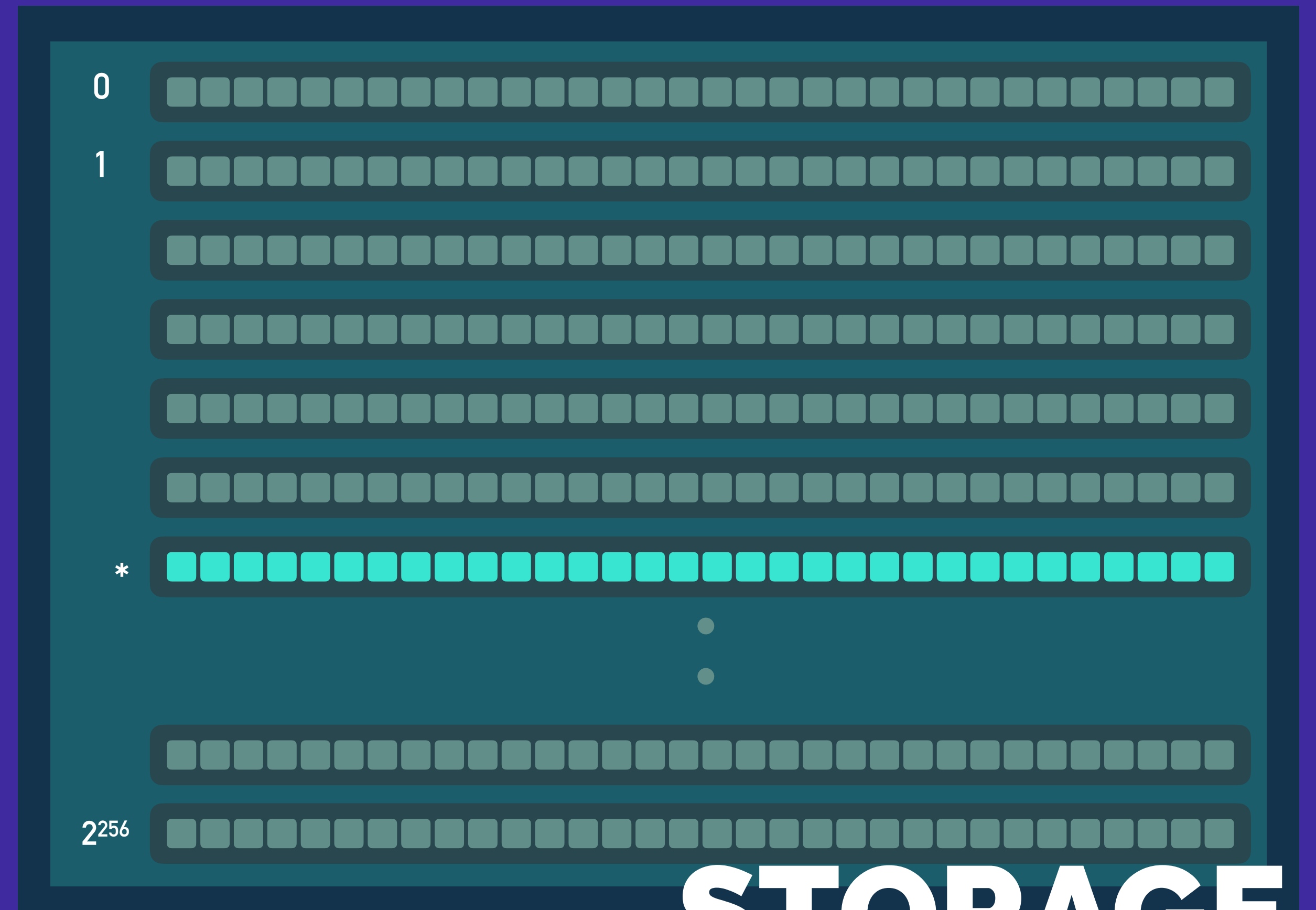
    function () payable public {
        ... delegatecall() ...
    }

}

```



Proxy



STORAGE