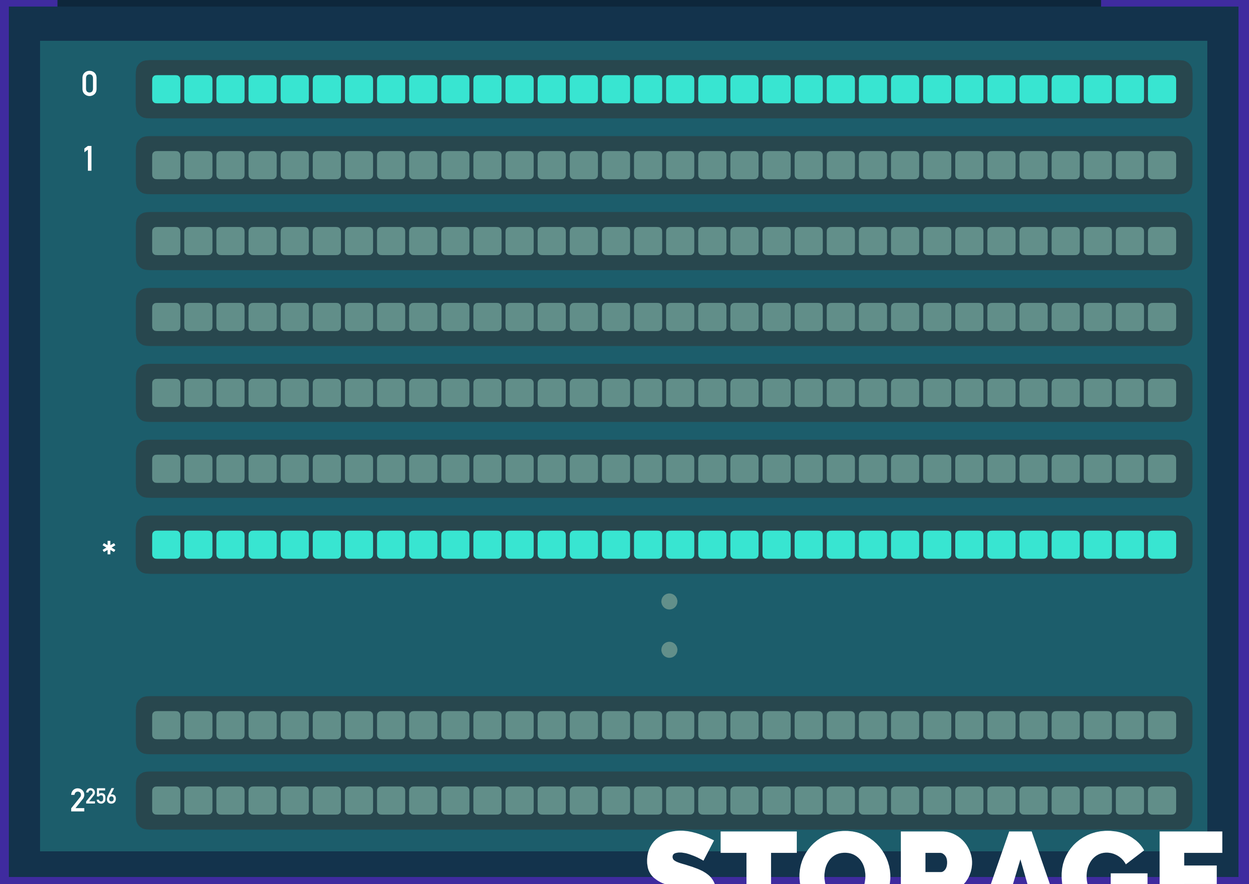
```
contract Proxy {

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

```
contract Poll {

uint cokeVotes = 0;
uint pepsiVotes = 0;

function voteForCoke() returns(uint) {
  cokeVotes++;
  return cokeVotes;
}

function voteForPepsi() returns(uint) {
  pepsiVotes++;
  return pepsiVotes;
}

}
```

Poll

```
contract Proxy {

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


function setAddress(address _implementation) {
  assembly {
```



STORAGE

```
contract Poll {

uint cokeVotes = 0;
uint pepsiVotes = 0;

function voteForCoke() returns(uint) {
  cokeVotes++;
  return cokeVotes;
}

function voteForPepsi() returns(uint) {
  pepsiVotes++;
  return pepsiVotes;
}

}
```

Poll