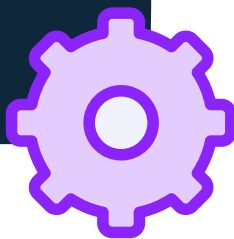




```
contract Poll {  
  
    uint cokeVotes = 0;  
    uint pepsiVotes = 0;  
  
    function voteForCoke() returns(uint) {  
        cokeVotes++;  
        return cokeVotes;  
    }  
  
    function voteForPepsi() returns(uint) {  
        pepsiVotes++;  
        return pepsiVotes;  
    }  
  
}
```



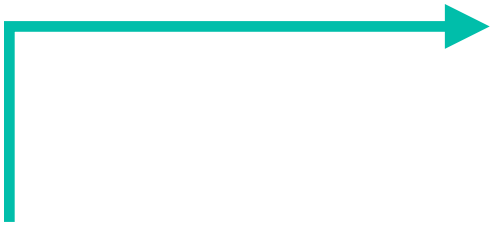
Poll

```
contract Proxy {  
  
    address implementation;  
  
    function setAddress(address _implementation) {  
        implementation = _implementation;  
    }  
  
    function () payable public {  
        ...  
        delegatecall(  
            gas,  
            implementation,  
            ptr,  
            calldatasize,  
            0,  
            0)  
        ...  
    }  
  
}
```



Proxy

voteForPepsi()



DELEGATECALL





voteForPepsi()

```
contract Proxy {  
  
    address implementation;  
  
    function setAddress(address _implementation) {  
        implementation = _implementation;  
    }  
  
    function () payable public {  
        ...  
        delegatecall(  
            gas,  
            implementation,  
            ptr,  
            calldatasize,  
            0,  
            0)  
        ...  
    }  
}
```

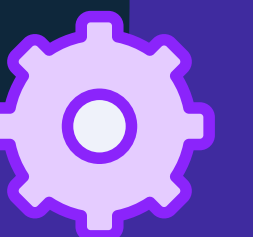
DELEGATECALL



Proxy

0x580 ...

```
contract Poll {  
  
    uint cokeVotes = 0;  
    uint pepsiVotes = 0;  
  
    function voteForCoke() returns(uint) {  
        cokeVotes++;  
        return cokeVotes;  
    }  
  
    function voteForPepsi() returns(uint) {  
        pepsiVotes++;  
        return pepsiVotes;  
    }  
}
```



Poll

0x732 ...