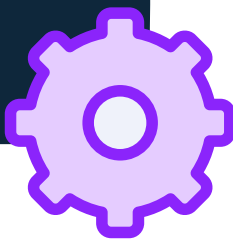



```
contract Poll {  
  
    uint cokeVotes = 0;  
    uint pepsiVotes = 0;  
  
    function voteForCoke() returns(uint) {  
        cokeVotes++;  
        return cokeVotes;  
    }  
  
    function voteForPepsi() returns(uint) {  
        pepsiVotes++;  
        return pepsiVotes;  
    }  
  
}
```



Poll

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



Proxy



voteForCoke()



DELEGATECALL

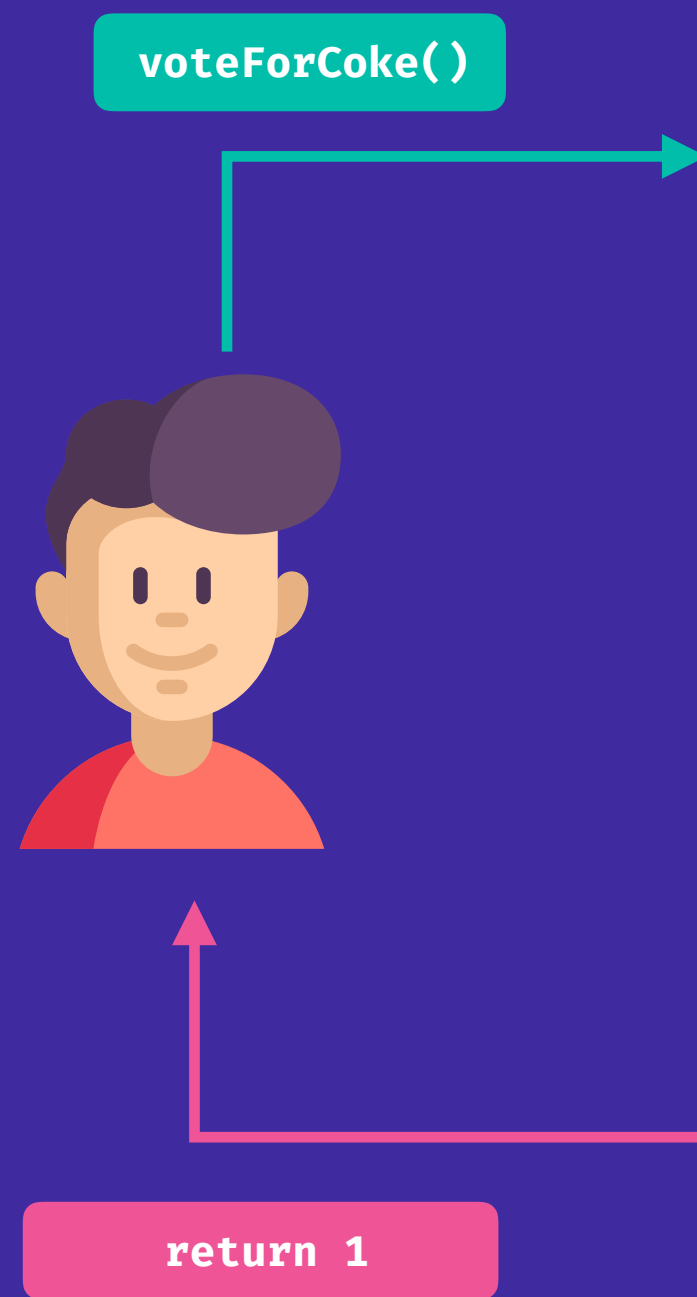


return 1



return 1





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

Proxy

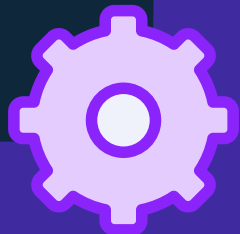
0x580 ...

DELEGATECALL

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

Poll

0x732 ...



```

contract Proxy {

    address implementation;

    function setAddress(address _implementation) {
        implementation = _implementation;
    }

    function () payable public {
        ...
        delegatecall(
            gas,
            implementation,
            ptr,
            calldatasize,
            0,
            0)
        ...
    }

}

```



Proxy

0x580 ...

```

contract Poll {

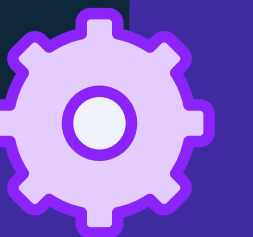
    uint cokeVotes = 0;
    uint pepsiVotes = 0;

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

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

}

```



Poll

0x732 ...