```
pragma solidity \geq 0.7.0 < 0.9.0;
contract Ballot {
 struct voter
   bool voted;
 address public chairperson;
 string[] private candidateList;
 constructor(string[] memory candidateNames) {
     chairperson = msq.sender;
     candidateList = candidateNames;
        require(msg.sender == chairperson, 'Only chairperson');
    function addcanditate(string memory name) public onlyChair{
    candidateList.push(name);
```

```
function checkvoted(string memory sender)
   Voter storage sender = voters[msg.sender];
       sender.voted = true;
 function totalVotesFor(string memory candidate) view public onlyChair
   require(validCandidate(candidate));
   return votesReceived[candidate];
   require(validCandidate(candidate));
   votesReceived[candidate] += 1;
 function validCandidate(string memory candidate) view private returns
   for(uint i = 0; i < candidateList.length; i++) {</pre>
     if (keccak256(bytes(candidateList[i])) ==
ceccak256(bytes(candidate))) {
 function stopvote() public onlyChair
   require (validCandidate (candidate), "The candidate is not valid. The
voting is stopped")
```

```
pragma solidity ^0.5.8;
contract bank
    address public owner;
    event LogDepositMade (address indexed accountAddress, uint amount);
       owner = msq.sender;
    function getbal() public view returns (uint)
       return bal[msg.sender];
        emit LogDepositMade(msg.sender, msg.value);
```

```
bal[receiver] = bal[receiver]+numTokens;
    emit Transfer(msg.sender, receiver, numTokens);
    return true;
}
function reg() public returns (uint) {
    if (cc < 3) {
        cc=cc+1;
        bal[msg.sender] = 10 ether;
    }
    return bal[msg.sender];
}
function withdraw(uint amt) public returns (uint avlb) {

    if (amt <= balances[msg.sender]) {
        balances[msg.sender] -= amt;
        msg.sender.transfer(amt);
    }
    return bal[msg.sender];
}</pre>
```