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//SPOX-License Identifier: MIT

pragma solidity >0.6.12 <0.9.8;
contract Voting
{
    struct candidate
    {
        uint id;
        string name;
        uint voteCount;
    }
    mapping(uint => candidate) public candidates;
    mapping(address =>bool) public voters;
    uint public candidatesCount;
    constructor()
    {
        addCandidate("sangeetha");
        addCandidate("saravanan");
    }

    function addCandidate(string memory _name) public
    {
        candidatesCount++;
        candidates[candidatesCount]=candidate(candidatesCount, _name, 0);
    }
    function vote(uint _candidateId) private
    {
        require (!voters[msg.sender]);
        require (_candidateId >0 && _candidateId<= candidatesCount);
        voters[msg.sender]=true;
        candidates[_candidateId].voteCount++;
    }
}

```