

```

#include <stdio.h>
#include <string.h>

int main() {
    int voters, participants, vote;
    printf("Enter the number of participants: ");
    scanf("%d", &participants);
    char names[participants][50];
    int votes[participants];
    for (int i = 0; i < participants; i++) {
        votes[i] = 0;
    }
    printf("Enter the names of participants:\n");
    for (int i = 0; i < participants; i++) {
        printf("Participant %d: ", i + 1);
        scanf("%s", names[i]);
    }
    printf("\nEnter the number of voters: ");
    scanf("%d", &voters);
    for (int i = 0; i < voters; i++) {
        printf("\nVoter %d, select a participant by entering the number:\n", i + 1);
        for (int j = 0; j < participants; j++) {
            printf("%d. %s\n", j + 1, names[j]);
        }
        printf("Your vote: ");
        scanf("%d", &vote);

        if (vote >= 1 && vote <= participants) {
            votes[vote - 1]++;
        } else {
            printf("Invalid vote!\n");
        }
    }
    printf("\nVoting Results:\n");
    for (int i = 0; i < participants; i++) {
        printf("%s received %d votes.\n", names[i], votes[i]);
    }
    int maxVotes = 0, winnerIndex = 0;
    for (int i = 0; i < participants; i++) {
        if (votes[i] > maxVotes) {
            maxVotes = votes[i];
            winnerIndex = i;
        }
    }
    int tie = 0;
    for (int i = 0; i < participants; i++) {
        if (votes[i] == maxVotes && i != winnerIndex) {
            tie = 1;
            break;
        }
    }

    if (tie) {
        printf("It's a tie!\n");
    } else {
        printf("%s is the winner with %d votes!\n", names[winnerIndex], maxVotes);
    }

    return 0;
}

```