

# CS 150

# Voting Machines!

Your task is to build an electronic voting machine using Visual Studio. This project requires you to use loops and ifs to get input from the users and tally the votes.

You need to ask the user if they want to cast a vote [C] or see the results [R]. Seeing the results shows the current tally of votes and prints a message declaring a winner or stating that the election is a tie. The program should then terminate.

If the user wants to cast a vote you should display a small menu listing the two candidates (if you want to add other candidates you may). Ask the user for a number corresponding to the candidate. Only accept valid input. Continue asking for input until you receive valid input.

After a user votes, clear the screen and go back to the initial screen that asks if the user wants to cast a vote or see the results.

Be sure that it is easy to update this machine in four years so we can use it again!

## SAMPLE OUTPUT

```
* * * * * * =====  
 * * * * * * =====  
* * * * * * =====
```

Cast a vote or see results: [C/R] C

[NEW SCREEEN]

```
* * * * * * =====  
 * * * * * * =====  
* * * * * * =====
```

President of the United States

1. Barack Obama
2. John McCain

Your choice: [1/2] 3

Please try again:

President of the United States

1. Barack Obama
2. John McCain

Your choice: [1/2] 1

Thank you!

[NEW SCREEN]

```
* * * * * * =====  
* * * * * * =====  
* * * * * * =====
```

Cast a vote or see results: [C/R] C

[NEW SCREEN]

```
* * * * * * =====  
* * * * * * =====  
* * * * * * =====
```

President of the United States

1. Barack Obama
2. John McCain

Your choice: [1/2] 2

Thank you!

[NEW SCREEN]

```
* * * * * * =====  
* * * * * * =====  
* * * * * * =====
```

Cast a vote or see results: [C/R] R

[NEW SCREEN]

```
* * * * * * =====  
* * * * * * =====  
* * * * * * =====
```

	VOTES
Barack Obama	1
John McCain	1

It's a tie! Call the House of Representatives!

**Challenge!**

Output the candidates names in a random order each time (see rand()).

Use an array to store the candidates names and votes.