

Voting Machine - User Manual

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Setup

- Begin by launching Eclipse.
- Select the workspace location you would like, then click “Launch”.
- Next, hover your cursor over the “File” tab, move your cursor down to “Open Projects from File System...”, and click.
- Select the directory where the Voting Machine Project is stored.
- Select the Voting Machine Project folder.
- Once all of the files are on your tab in Eclipse, find the name of the Voting Machine Project on the lefthand toolbar.
- Right-click it and move your cursor down to “Run As” and click “Java Application”.

Input File

- Now, a small window should appear on your screen that says “Path to input file” with a space to type and Browse, OK, and Cancel buttons.
 - Be sure to give the path to your properly formatted input file.
- Click Browse, and find your file. It is usually easier if you put the input file in the same directory as your project.
- Ensure that your input file is properly formatted with the name of the office being elected on the first line of the file, the number of candidates running on the second line, then the Candidates’ names and affiliations, separated by a semicolon and no space. Here is an example:

```
James Beard Award
3
Nina Compton;Compere Lapin
Alon Shaya;Saba
Emeril Lagasse;Emeril's
```

- Once you have selected your file, click “OK”.
- Now you should see the Ballot with the appropriate office name from your input file at the top, followed by the Candidates’ names and their affiliations.

Voting

- Now you may begin voting. To vote, click on a Candidate’s name and click “Cast Vote”.
- Click “OK” if you are sure you want to vote for them, then “OK” again when the program tells you that the vote has been tallied.
- Continue voting for as long as you like.

- Once you are finished, click the X in the top right corner of the Ballot window, then “Yes” if you are sure you are done voting.

Output File

- Now, a small window should appear on your screen that says “Path to output file” with a space to type and Browse, OK, and Cancel buttons.
 - When choosing an output file, the directory does not matter. The file can be anywhere on your computer and doesn't even need to exist yet -- the program can create a new file if need be.
- Click Browse, and find your file or type a filename in the blank space for the program to create a new output file.

Viewing Election Results

- To view the election results, simply find the output file and open it.
- You should see properly formatted results in the file, like this:

```
RESULTS - James Beard Award
-----
Nina Compton - Compere Lapin      102
Alon Shaya - Saba                  105
Emeril Lagasse - Emeril's         97

WINNER: Alon Shaya - Saba
```