

CMPSC 100 JANUARY 2021

The Ballot Bonanza



COURSE INFORMATION

- The quiz due for Monday will be posted on Saturday morning
 - A notification will go out
- Today, dedicate your time to either working on the day-3 “lab” or other assignments
 - There are breakout rooms dedicated to each

THE BALLOT BONANZA

“Voting”

Accepting votes:

- Take input at a prompt
- End input when the “N” character appears
- Add 1 to a given count for a candidate already in the **ballot** dictionary
- Set the candidate’s count to 1 for the first time they’re seen
- The above two will require either:
 - An **if statement** or
 - **try/except** from the worksheet

“Reporting”

Reporting on votes:

- Iterate over the **ballot** dictionary looking at each **candidate** there
- Discover **if** that candidate’s vote count exceeds **max_votes**
 - If so, they are (at that point) the **winner** (their name is the content of the **winner** variable)
 - This candidate’s vote count is **max_votes**
- Keep in mind that you need to **print** each candidate’s vote count - regardless whether they’re the winner!