

check50

cs50/problems/2025/x/runoff

:) runoff.c exists

Log

```
checking that runoff.c exists...
```

:) runoff compiles

Log

```
running clang runoff.c -o runoff -std=c11 -ggdb -lm -lcs50...
running clang runoff_test.c -o runoff_test -std=c11 -ggdb -lm -lcs50...
```

- :) vote returns true when given name of candidate
- :) vote returns false when given name of invalid candidate
- :) vote correctly sets first preference for first voter
- :) vote correctly sets third preference for second voter
- :) vote correctly sets all preferences for voter
- :) tabulate counts votes when all candidates remain in election
- :) tabulate counts votes when one candidate is eliminated
- :) tabulate counts votes when multiple candidates are eliminated
- :) tabulate handles multiple rounds of preferences
- :) print_winner prints name when someone has a majority
- :) print_winner returns true when someone has a majority
- :) print_winner returns false when nobody has a majority
- :) print_winner returns false when leader has exactly 50% of vote
- :) find_min returns minimum number of votes for candidate
- :) find_min returns minimum when all candidates are tied
- :) find_min ignores eliminated candidates
- :) is_tie returns true when election is tied
- :) is_tie returns false when election is not tied
- :) is_tie returns false when only some of the candidates are tied
- :) is_tie detects tie after some candidates have been eliminated
- :) eliminate eliminates candidate in last place
- :) eliminate eliminates multiple candidates in tie for last
- :) eliminate eliminates candidates after some already eliminated