

check50

cs50/problems/2025/x/plurality

:) plurality.c exists

Log

```
checking that plurality.c exists...
```

:) plurality compiles

Log

```
running clang plurality.c -o plurality -std=c11 -ggdb -lm -lcs50...  
running clang plurality_test.c -o plurality_test -std=c11 -ggdb -lm -lcs50...
```

:) vote returns true when given name of first candidate

:) vote returns true when given name of middle candidate

:) vote returns true when given name of last candidate

:) vote returns false when given name of invalid candidate

:) vote produces correct counts when all votes are zero

:) vote produces correct counts after some have already voted

:) vote leaves vote counts unchanged when voting for invalid candidate

:) print_winner identifies Alice as winner of election

Log

```
running ./plurality_test 0 7...
```

:) print_winner identifies Bob as winner of election

Log

```
running ./plurality_test 0 8...
```

:) print_winner identifies Charlie as winner of election

Log

```
running ./plurality_test 0 9...
```

:) print_winner prints multiple winners in case of tie

:) print_winner prints all names when all candidates are tied