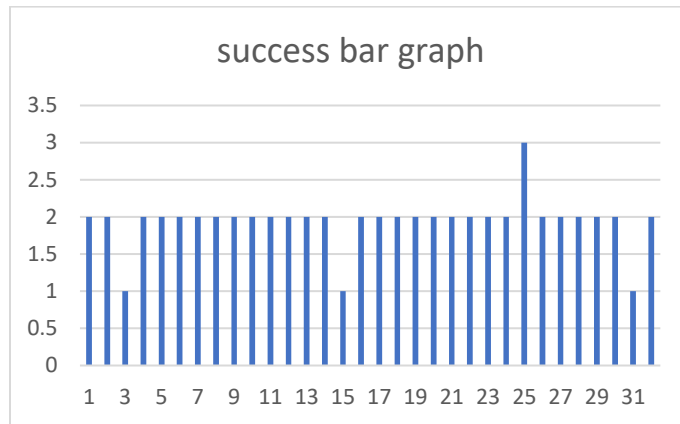Kenji Isak Laguan (101160737)

Group members: Christian Green (101200708), Braeden Cheung (101193611)

Success
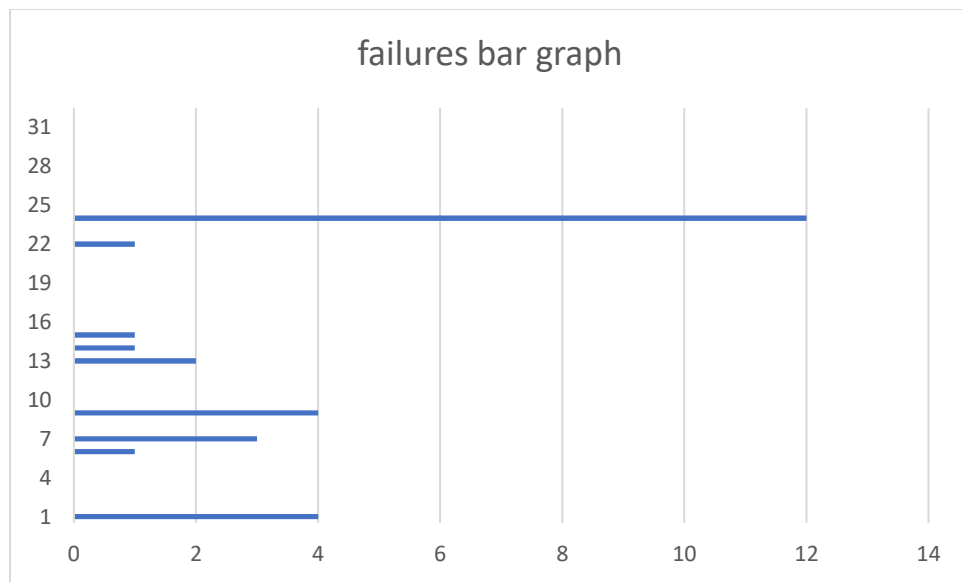
1. Type of central tendency: mode = 2
2. Graph:



   a.
3. Comparison: both groups had the same successes mostly. Non variation
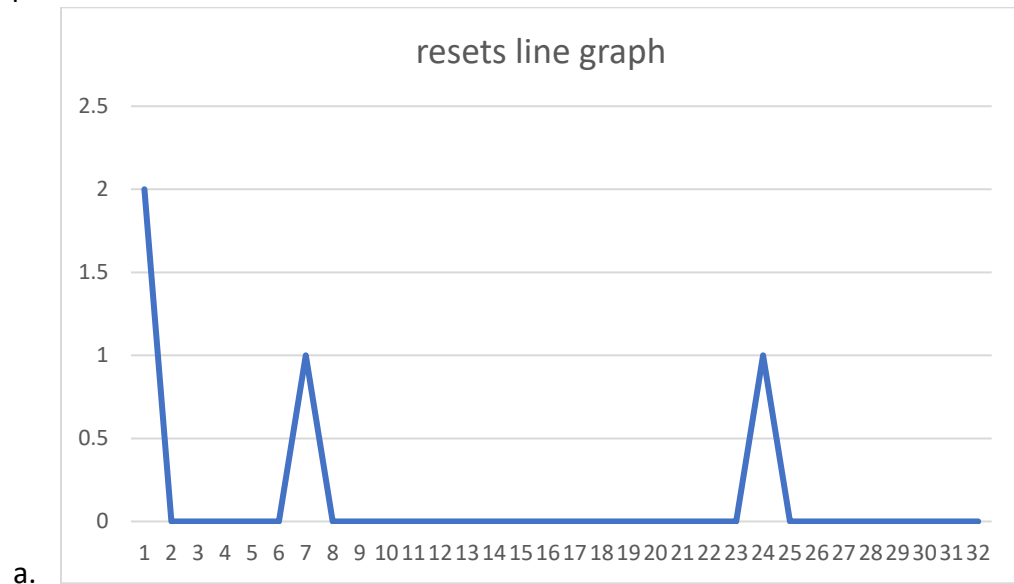
Failures

1. Type of central tendency: median = 0
2. Graph:



   a.
3. Comparison: most of the failures were in the memory group as they probably forgot their passwords. And one drastic case in the writing group that probably lost their password. But most of writing group had no trouble
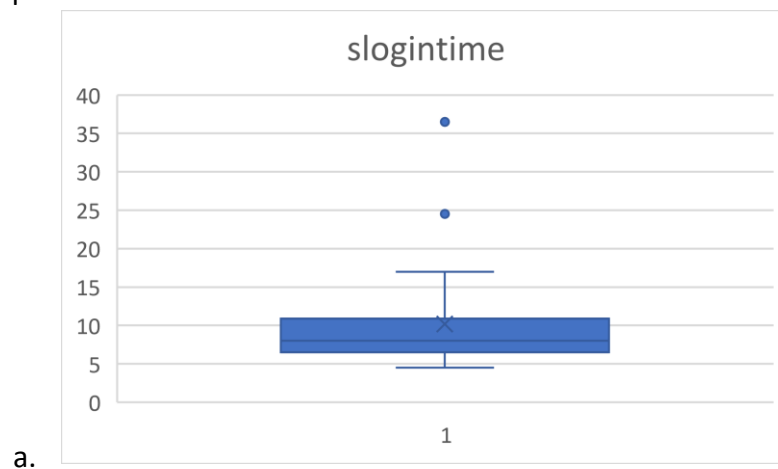
Resets

1. Type of central tendency: median = 0
2. Graph:



resets line graph

a.
3. Comparison: memory group had more resets compared to writing group even though the cases happening were rare
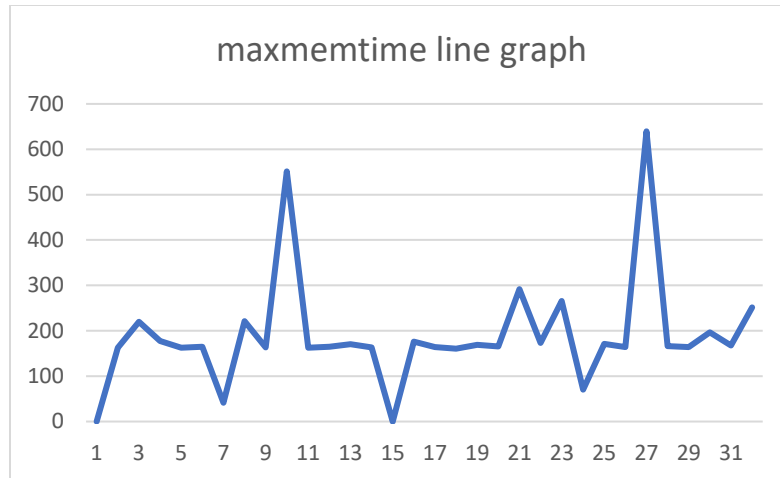
Slogintime

1. Type of central tendency: mean =  10.197
2. Graph:



slogintime

a.
3. Comparison: the memory group login time were more spread out in distribution, writing group were more consistent and close together in data

Maxmemtime

1. Type of central tendency: standard deviation = 123.67
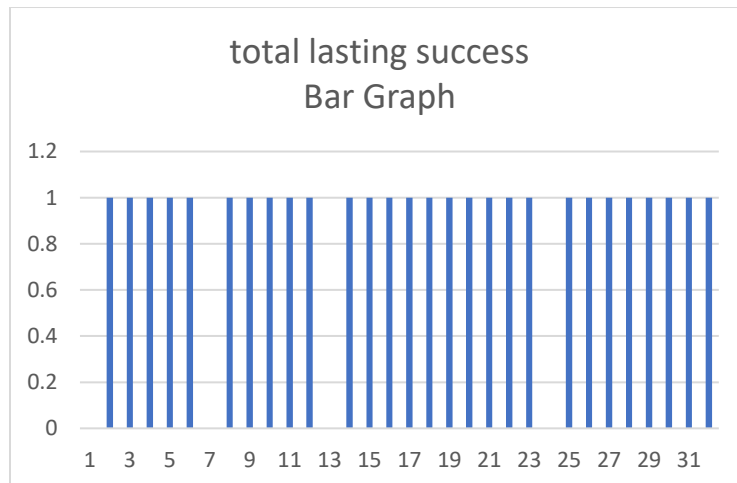2. Graph:

maxmemtime line graph

a.

3. Comparison: memory group had a large distribution of memory time whereas writing were more close together and consistent

Totallastingsuccess

1. Type of central tendency: mode = 1
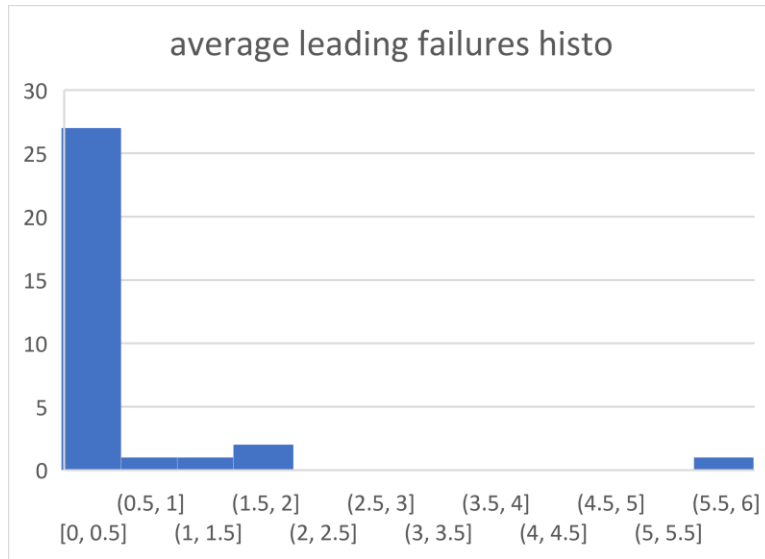2. Graph:



total lasting success Bar Graph

a.

1. Comparison: Both groups memory and writing mostly led to success, only 2 memory and 1 writing didn't lead to success which still shows writing leads to more success

Avgleadingfailures

2. Type of central tendency: median = 0
3. Graph:

**average leading failures histo**

| Bin | Count |
|-----|-------|
| [0, 0.5] | 27 |
| (0.5, 1] | 1 |
| (1, 1.5] | 1 |
| (1.5, 2] | 2 |
| (5.5, 6] | 1 |



a.

4. Comparison: the participants who remembered rarely led to failure however writing it down never led to failure