Lab 3

1.a2)

Graphical user interface, application

Description automatically generated

1.b2)

Graphical user interface, text, email

Description automatically generated

1.c2)

Graphical user interface, text, email

Description automatically generated

1.d2)

Graphical user interface, table

Description automatically generated

2a)

Get data from data from file

Compare each columns numbers and count up how many 1st 2nd 3rd 4th in each row

Create a function to count how many first place votes are in one column

*Loop inside a method so that it count the number of first place values*

Call the function 4 times to find the first place votes for each column

Check every person to see if there 1st = 50 +1 percent of the vote by if statement

If not, eliminate the person in last, put all 0 into their column

Check each row to see if there is a 1 in the row and if there is no 1 in the row

Take all votes remaining in that row and decrease by 1

Call the method again to find 1st place

If there is no winner then repeat the whole process

2b)

Table

Description automatically generated

3)

A picture containing graphical user interface

Description automatically generated