import csv

with open('C:/Users/Khurram/Desktop/GitHub Repos/election\_data.csv', 'r') as file:

    reader = csv.reader(file)

    header = next(reader)

    total\_votes = 0

    for x in reader:

        total\_votes+= 1

    print(total\_votes)

import csv

with open('C:/Users/Khurram/Desktop/GitHub Repos/election\_data.csv', 'r') as csvfile:

    csvreader = csv.reader(csvfile, delimiter=',')

    next(csvreader) # skip the header row

    vote\_count = {}

    total\_votes = 0

    for row in csvreader:

        candidate = row[2]

        if candidate not in vote\_count:

            vote\_count[candidate] = 1

        else:

            vote\_count[candidate] += 1

        total\_votes += 1

    for candidate, votes in vote\_count.items():

        percentage = (votes / total\_votes) \* 100

        print(f"{candidate}: {percentage:.1f}% ({votes})")

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        candidate = row[2]

        if candidate not in vote\_count:

            vote\_count[candidate] = 1

        else:

            vote\_count[candidate] += 1

        total\_votes += 1

    winning\_candidate = ""

    winning\_votes = 0

    for candidate, votes in vote\_count.items():

        if votes > winning\_votes:

            winning\_candidate = candidate

            winning\_votes = votes

        percentage = (votes / total\_votes) \* 100

        print(f"{candidate}: {percentage:.1f}% ({votes})")

    print(f"The winner of the election is {winning\_candidate} with {winning\_votes} votes.")