**Overview of Election Audit:** The election audit consisted voting data of three counties and their three candidates. With 369,711 voters across the three counties, the purpose of the was to assist Tom and Seth in their election audit.

**Election-Audit Results:**

* The election consisted of 369,711 votes in the congressional election. These votes were distributed within three counties and three candidates.

Following steps were taken to find total votes, the total votes were given a value of zero and then a for loop was run to find the total votes in the election.



* The breakdown of the number of votes and the percentage of votes for each country in the precinct was found by running following codes:

This code showed the results of as: Arapahoe: 6.7%, Denver: 82.8% and Jefferson: 10.5% votes in the precinct.

* Denver has the largest number of votes. This was calculated by using: vote\_percentage = float(votes) / float(total\_votes) \* 100

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* The information regarding the Breakdown of number of votes and percentage of total votes each candidate received was retrieved from the below code:

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This code helped received following outcome:

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* Winning candidate information:

The winning candidate was Diana DeGette receiving 73.8% of the total votes which means 272,892 votes out of 369,711.

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**Election-Audit Summary:**

The election audit project conducted for Tom and Seth was analyzed using python. This gave accurate results regarding the most votes received by a candidate confirming the winner and county that had the most voters. This script can be utilized for other elections as well by changing the dictionary and the list of which provides the information regarding the candidates and the counties in the election precinct. Additionally, the script can be modified changing the variables according to the presentation requirement of the new election project.