

Python Homework  
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10/18/2020  
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**PyPoll Purpose:**

Your task is to create a Python script that analyzes the votes and calculates each of the following:

- The total number of votes cast
- A complete list of candidates who received votes
- The percentage of votes each candidate won
- The total number of votes each candidate won
- The winner of the election based on popular vote.

**Challenges:**

The challenge with this was to figure out how to bring out the percentage each candidate got from the total votes. Luckily, I finally found the right formula from searching Google.

**Conclusion:**

The candidate with the most votes usually wins the election! In all seriousness, this homework was the most challenging. One wrong indent can throw a random indentation error. However, these types of errors really make you pay attention in the future for this type of problem.

**PyBank Purpose:**

Your task is to create a Python script that analyzes the records to calculate each of the following:

- The total number of months included in the dataset
- The net total amount of "Profit/Losses" over the entire period
- The average of the changes in "Profit/Losses" over the entire period
- The greatest increase in profits (date and amount) over the entire period
- The greatest decrease in losses (date and amount) over the entire period

**Challenges:**

The same challenges were in place, but I challenged myself to see how far I could get utilizing the PyPoll code without turning to outside help from the group. In short, still challenging but optimistic I can understand the high-level concepts and perform future homework independently.

**Conclusion:**

Python is hard and I'm looking forward to utilizing Pandas more on future assignments!