F STRINGS EXAMPLES, MULTILINE F STRINGS, AND FLOATING POINT DECIMAL

my\_votes = int(input("How many votes did you get in the election? "))

total\_votes = int(input("What is the total votes in the election? "))

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

print("I received " + str(percentage\_votes)+"% of the total votes.")

#using f strings

my\_votes = int(input("How many votes did you get in the election? "))

total\_votes = int(input("What is the total votes in the election? "))

print(f"I received {my\_votes / total\_votes \* 100}% of the total votes.")

#another example using dictionaries

counties\_dict = {"Arapahoe": 369237, "Denver":413229, "Jefferson": 390222}

for county, voters in counties\_dict.items():

print(county + " county has " + str(voters) + " registered voters.")

#now using the f string to modify the code

for county, voters in counties\_dict.items():

print(f"{county} county has {voters} registered voters.")

#multiline f-string

candidate\_votes = int(input("How many votes did the candidate get in the election? "))

total\_votes = int(input("What is the total number of votes in the election? "))

message\_to\_candidate = (

f"You received {candidate\_votes} number of votes. "

f"The total number of votes in the election was {total\_votes}. "

f"You received {candidate\_votes / total\_votes \* 100}% of the total votes.")

print(message\_to\_candidate)

#format floating-point decimal

message\_to\_candidate = (

f"You received {candidate\_votes:,} number of votes. "

f"The total number of votes in the election was {total\_votes:,}. "

f"You received {candidate\_votes / total\_votes \* 100:.2f}% of the total votes.")

print (message\_to\_candidate)