Python Quiz October 29, 2024

Name\_\_\_\_Genesis Grant\_\_\_\_\_\_\_\_\_

1. Store the second row ('Instagram', 0.0, 'USD', 2161558, 4.5) as a list in a variable named row\_2.

row\_2 = ['Instagram', 0.0, 'USD', 2161558, 4.5]

1. Store the third row ('Clash of Clans', 0.0, 'USD', 2130805, 4.5) as a list in a variable named row\_3.

row\_3 = ['Clash of Clans', 0.0, 'USD', 2130805, 4.5]

**List for Tasks A - C below**

row\_1 = ['Facebook', 0.0, 'USD', 2974676, 3.5]

row\_2 = ['Instagram', 0.0, 'USD', 2161558, 4.5]

row\_3 = ['Clash of Clans', 0.0, 'USD', 2130805, 4.5]

**LIST A**

1. Assign the fourth element from the list row\_1 to a variable named ratings\_1. Don't forget that the indexing starts at 0.
   * ratings\_1 = row\_1[3]
2. Assign the fourth element from the list row\_2 to a variable named ratings\_2.
   * ratings\_2 = row\_2[3]
3. Assign the fourth element from the list row\_3 to a variable named ratings\_3.
   * ratings\_3 = row\_3[3]
4. Add the three numbers retrieved together and save the sum to a variable named total.
   * total = ratings\_1 + ratings\_2 + ratings\_3
5. Divide the sum (now saved in the variable total) by 3 to get the average number of ratings for the first three rows. Assign the result to a variable named average.
   * average = total / 3

**LIST B**

The last element in each list shows the average rating of each application.

Retrieve the ratings for the first three rows, and then find the average value of all the ratings retrieved.

average= total/3

1. Assign the last element from the list row\_1 to a variable named rating\_1. Try to take advantage of negative indexing.
   * rating\_1 = row\_1[-1]
2. Assign the last element from the list row\_2 to a variable named rating\_2.
   * rating\_2 = row\_2[-1]
3. Assign the last element from the list row\_3 to a variable named rating\_3.
   * rating\_3 = row\_3[-1]
4. Add the three ratings together and save the sum to a variable named total\_rating.
   * total\_rating = rating\_1 + rating\_2 + rating\_3
5. Divide the total by 3 to get the average rating. Assign the result to a variable named average\_rating.
   * average\_rating = total\_rating / 3
   * =4.17