VA: Name _____ andrewID _____

# Quizlet 7

The 2D list below represents a table. The first row is a header with column titles. Each row after that holds a person's name, followed by the calories they ate on each day.

```
data = [ [ "Name",  "Day 1", "Day 2", "Day 3" ],
         [ "Ana",   2000,    2200,    1800    ],
         [ "Ben",   2500,    2400,    2600    ],
         [ "Chloe", 1900,    2100,    2300    ] ]
```

The function `addAverageColumn(data)` should add a new column to the existing data. The header gets the title `"Avg"`, and every row gets that person's average calories per day. After calling `addAverageColumn(data)`, `data` should be:

```
[ [ "Name",  "Day 1", "Day 2", "Day 3", "Avg"  ],
  [ "Ana",   2000,    2200,    1800,    2000.0 ],
  [ "Ben",   2500,    2400,    2600,    2500.0 ],
  [ "Chloe", 1900,    2100,    2300,    2100.0 ] ]
```

Fill in each blank so the function works correctly. Your code should work for any number of people.

```
def addAverageColumn(data):

    data[_________].append("Avg") # add column name to header

    for r in range(1, len(data)):

        row = ___________________ # current row, the inner list

        total = 0

        for c in range(_________, _________): # loop over the days

            total = total + ___________________

        row.append(total / 3)
```

VB: Name _____ andrewID _____

# Quizlet 7

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