

Formula Review

Please refer to the Excel spreadsheet on the CS105 website.

Total revenue

Answer: =SUMIF(A:A, F2, D:D)

Reason: The question requires that we add (SUMIF) up all the revenue generated by each product (Darjeeling Tea, Oolong Tea and Earl Grey Tea) listed.

Total revenue

Answer: =SUMIF(C:C,F7,D:D)

Reason: The question requires that we add (SUMIF) up all the revenue generated by each region (North, South, East, West) listed.

Months

Answer: =COUNTIF(C:C, F7)

Reason: The question requires that we count (COUNTIF) the number of months each region generated revenue.

Revenue/Months

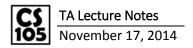
Answer: =G7/H7

Reason: The question requires that we find the ratio of the revenue generated by the number of months for which revenue was generated.

Rating chart: using VLOOKUP

Answer: =VLOOKUP(I7, \$K\$3:\$N\$6, 4, TRUE)

Reason: The question requires that we lookup the Revenue/Month corresponding to each region and find the rating as listed in the table using VLOOKUP.



Rating chart: using INDEX/MATCH

Answer: =INDEX (N\$3:N\$6,MATCH(I7,K\$3:K\$6,1))

Reason: The question requires that we lookup the Revenue/Month corresponding to each region and find the rating as listed in the table using INDEX/MATCH.

Maximum Revenue/Month

Answer: =INDEX(F7:F10, MATCH(MAX(I7:I10), I7:I10, 0))

Reason: The question requires that we lookup the Revenue/Month corresponding to each region and find the region with the maximum Revenue/Month.

Good luck on the midterm!