

ANKARA UNIVERSITY

COM101B

Fall 2017-18 Term

LAB2 Quiz

Date: 13/10/2017 Session: Group 2

Duration: 60 minutes

Write a C program that calculates the time spent by a person on a specific social media on an average day, given a specific time interval. The percentages of each social media item and their labels are provided in Table 1, below.

Table 1

Social Media	Label Code	Percentage
Facebook	F	25%
Twitter	T	21%
LinkedIn	L	16%
None	N	40%

In other words, given a time interval in an average day, compute the amount of time spent for a social media item, considering the given percentages in Table 1. Pay attention to the I/O format for specifications.

Input: <Time interval: integer> <Media label code: one of {F, T, L, N}>

Output: <Time spent on that media>\n

Sample Inputs/outputs:

Example 1:

>120 F

>30.00

Example 2:

>2567 T

>539.07

Example 3:

>492 L

>78.72

Print the weight of nutrient as a floating point number using 2 digit precision after the decimal point.

Hint: %.2f format specifier prints 2 digit precision for floating point numbers.

Submission: Your source code will be named using your student ID: <student-id>.c

Example: if your id is 1123456 than you should name your source code like this: 1123456.c

Please, PAY ATTENTION TO THE I/O FORMAT!

Good Luck 😊