

CALIFORNIA STATE UNIVERSITY, LOS ANGELES  
PROGFEST 2013

Problem 3

**Calculating Wages Problem**

You work for a company that operates 24- hours a day, 7 days a week, and pays its employees every two weeks. The company hands you a file with all of the current employee's time information. The format of this document is as follows:

<Week Number>

<Employee Name>, <Day of Week>, <Time In>, <Time Out>, <Amount Paid Per Hour>

The input Each employee can have multiple time ins and outs in the same day, to accommodate for going out to lunch, breaks, or working two shifts in a day, etc. (An example of this can be seen in the SAMPLE INPUT). Remember, different days of the week can have a different number of employees working at any given time. The format for both the <Time In> and <Time out> operates on a 24- hour clock. Each field for the week will be separated by a comma, with no white space in between.

Your program must be able to output both the weekly wages the total wages for each employee in the format as specified in the sample output.

Sample Input:

WEEK 1 START

John Doe, Tuesday, 0800, 1200, 10.00 Adam Smith, Thursday, 1530, 2000, 20.00 John Doe, Tuesday, 1230, 1700, 10.00

WEEK 2 START

John Doe, Friday, 1730, 2200, 10.00 Rudolph Moore, Friday, 0700, 1200, 50.00

Samole Output:

WEEK 1

John Doe earned \$85 Adam Smith earned \$90

WEEK 2

John Doe earned \$45 Rudolph Moore earned \$250

TOTALS

John Doe's total earnings is: \$130 Adam Smith's total earnings is: \$90 Rudolph Moore's total earnings is: \$250