

2003-2004

American Computer Science League

Problem #1

All-Star Contest

ACSLCAM

PROBLEM: The ACSL satellite has a high-resolution camera that will photograph your town. On the satellite web page there is a listing of times and places so you can tell when the satellite will be over your town. All you need to do is to type in the date and time into the satellite request form, pay the \$19.95 and the 8x10 glossy photo will be mailed to your home. This would all be so simple except that the satellite programming requires the time from date of launch. We need you to write the code that converts the given date and time to the time from launch.

INPUT: There will be 5 inputs. Each input line will contain two 12-character date strings in the form MMDDYYhhmmss. The letters represent Month, Day, Year, hour (24 hour clock), minutes and seconds. The first string represents the date entered on the form and the second string represents the launch date.

OUTPUT: For each set of inputs calculate the elapsed time from launch and print the results as a character string in the form number of Days-hhmmss (hours, minutes, seconds). All dates will be between January 1, 2003 and December 31, 2004.

SAMPLE INPUT

1. 061604164520, 041004123010
2. 061604164520, 042004205030

SAMPLE OUTPUT

1. 67 - 041510
2. 56 - 195450