

NOTES AND HINTS:

- Notice that a later date may have the month number less than the month number in an earlier date (see sample run below).
- What the user inputs is underlined and in bold below. Other information is shown to the user, after having calculated it in the program.
- HINT: Convert both dates to days since year 1, month 1 and day 1 first to ease calculations.

>>> ===== RESTART =====

>>>

Welcome to the CMPT 120 "Time goes by" system!

You will be able to calculate the distance between dates

The dates will be asked in the format year,month,day

where it is assumed that:

- years may be between 1901 and 2099
- all months have 30 days

Please follow the system prompts

Please provide the first (earliest) date

year (between 1901 and 2099 inclusive): **1902**

month (between 1 and 12 inclusive): **12**

day (between 1 and 30 inclusive): **20**

Please provide the second (latest) date

year (between 1901 and 2099 inclusive): **1903**

month (between 1 and 12 inclusive): **1**

day (between 1 and 30 inclusive): **5**

First result

The number of days since 1901,1,1 to ...:

1902,12,20 is: 709

1903,1,5 is: 724

Second result

The difference in days is: 15

Third (and last) result

The difference in days is expressible also as: 0 years, 0 months and 15 days

End of the program! Bye!

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