

Hw4: About the programming assignment (Question 6)

Make sure the program respects the 1-hour connection time between flights on a route.

- 1) Provide a graphical interface in order to select the airports and the starting time, OR (for the results do as explained below, or show it graphically containing the data exp below)
- 2) Parse a txt input file with the following configuration:

Starting time
From (Airport)
To (Airport)

Example:

input.txt
12:30AM
SFO
JFK

As result dump in a result.txt file, the following data:

From Airport1 departure time To Airport2 arrival time
From Airport2 departure time To Airport3 arrival time
:
From AirportL departure time To AirportN arrival time

Total travel duration (Computed since we arrive to the airport till we reach the final destination)

Example: (solution for input.txt)

Result.txt
SFO 12:45AM to BOS 4:45AM
BOS 11:00AM to JFK 12:00PM

Total travel duration found: 11 hours 30 mins

NOTE: In case you use 12 hour time, be aware of the conversion

0:30 is equal to 12:30AM
1:30 is equal to 1:30AM
12:00 is equal to 12:00PM
13:15 is equal to 1:15PM
24:00 is equal to 12:00AM

Please disregard any time zone conversion, assume all us territory has the same time zone.

[Email me](#) the link to the executable program (double check permissions). Be aware that I will check the link AT MOST 3 times. If you haven't finished by the due date please contact professor Ciesielski for an extension, do not put a broken link as part of your solution.