

Name/Surname:

Date:

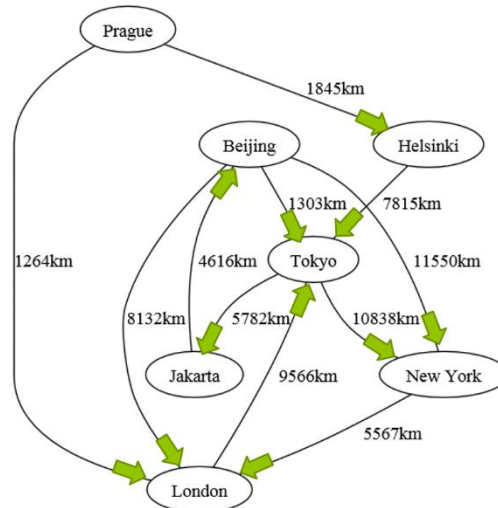
Number:

EHB208E

Data Structures 2nd Homework

Spring 2020

- 1) Write a "C" program, which finds one path (any path) between two given cities according to the directed graph below. This program also calculates the distance between these two given cities.



Note: You may need to research for this project from internet or course resources. You can also find helpful codes related with data structures in the course resources section of this course in Ninova (under Tutorial folder).

Sample screen output of the question

```
Cities:
Prague = 0
Helsinki = 1
Beijing = 2
Tokyo = 3
Jakarta = 4
London = 5
New York = 6

1 - Enter the number of the first city: 0
2 - Enter the number of the second city: 2

Path found: Prague, Helsinki, Tokyo, Jakarta, Beijing,
Total distance is 20058
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Process exited after 1.854 seconds with return value 0
Press any key to continue . . .
```

Upload your project's C source files to "EHB208E Homework" field in your Ninova system.

Upload your project's C codes in PDF or Word format to Turnitin web page (<https://www.turnitin.com/>).