

Name/Surname:

Date:

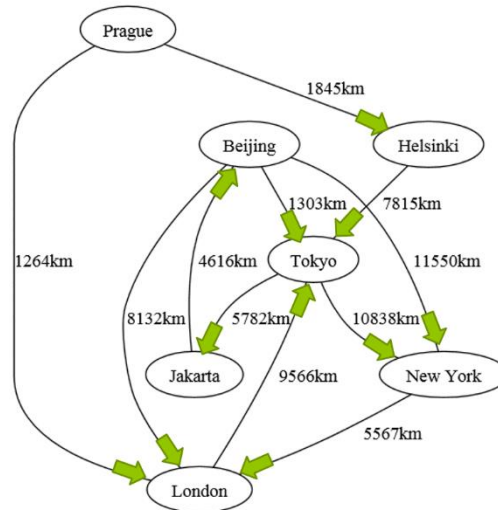
Number:

EHB208E

## Data Structures 2<sup>nd</sup> Homework

Spring 2022

- 1) Write a “C” program that finds a path (any path) between the given two cities according to the graph below. This program also calculates the distance between the given two cities.



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
-----
Process exited after 1.854 seconds with return value 0
Press any key to continue . . .
```

**Important: Your code should be properly commented. Uncommented code will get partial credit. You need to do your assignment alone. Code sharing among students or using code from any other source is not allowed.**

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