

EC5080: Software **Construction Lab 07**

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2020/E/009

SEMESTER 05

2023 SEPT 14

OUTPUTS FOR DIFFERENT INPUTS

```
C:\Users\HP\OneDrive\Desktop\2020E009>java GraphAssignment
Jaffna, City2
City2, City3
City3, City4
City4, Ariviyalnagar

Read map
Jaffna -> City2 -> City3 -> City4 -> Ariviyalnagar
```

```
C:\Users\HP\OneDrive\Desktop\2020E009>java GraphAssignment
Jaffna, City1
City2, City3
City2, City4
City3, Jaffna
City2, Ariviyalnagar

Read map
Jaffna -> City3 -> City2 -> Ariviyalnagar
```

SHORTEST PATH City1 -> City3

```
C:\Users\HP\OneDrive\Desktop\2020E009>java GraphAssignment
City1, City2, 10
City1, City4, 20
City4, City3, 10
City2, City3, 30

Read map
City1 -> City4 -> City3
```

SHORTEST PATH City1 -> City9

```
C:\Users\HP\OneDrive\Desktop\2020E009>java GraphAssignment
City1, City2, 15
City1, City3, 10
City3, City4, 5
City2, City5, 20
City5, City4, 10
City4, City6, 15
City6, City7, 5
City7, City8, 10
City8, City9, 15

Read map
City1 -> City3 -> City4 -> City6 -> City7 -> City8 -> City9
```