Bahria University,

Karachi Campus



LAB EXPERIMENT NO.

8

LIST OF TASKS

|  |  |
| --- | --- |
| TASK NO | OBJECTIVE |
| 1 | Find the shortest path from KZN to ASF weighted by distance with the help of A\* algorithm. |
| 2 | Find the shortest path of those flights which have one stop by using A\* algorithm weighted by distance. |
| 3 | Fill null values by zero and replace 0 values by ‘N’ in codeshare column. |
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Submitted On:

# **Task 1: Find the shortest path from KZN to ASF weighted by distance with the help of A\* algorithm.**

**CODE:**

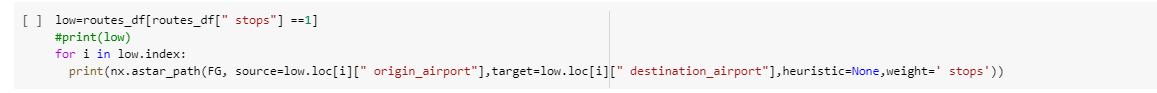


**OUTPUT:**



**Task 2: Find the shortest path of those flights which have one stop by using A\* algorithm weighted by distance.**

**CODE**



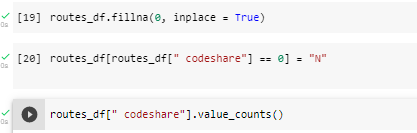
**OUTPUT**

Table

Description automatically generated with medium confidence

**Task 3: Fill null values by zero and replace 0 values by ‘N’ in codeshare column.**

**CODE:**



**OUTPUT:**

Text

Description automatically generated