1) There are five airports
  - Abu Dhabi (A)
  - Belin (B)
  - Copenhagen (C)
  - Dublin (D)
  - Edinburgh (E)

A person can fly between Abu Dhabi and Berlin for £120.
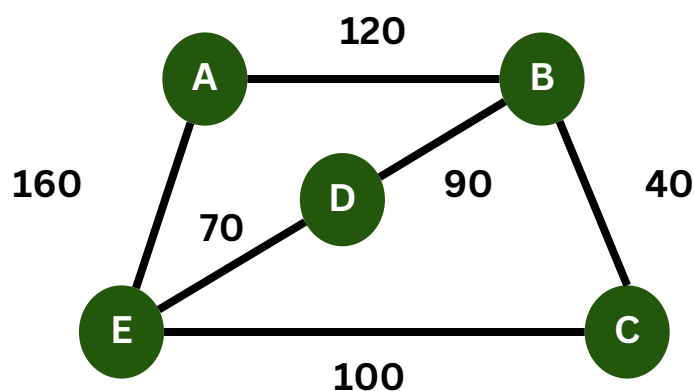A person can fly between Abu Dhabi and Edinburgh for £160.
A person can fly between Berlin and Copenhagen for £40.
A person can fly between Berlin and Dublin for £90.
A person can fly between Copenhagen and Edinburgh for £100.
A person can fly between Dublin and Edinburgh for £70.

Draw a graph representing flights between the airports and their costs.

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2) Write the adjacency matrix for the airports in (1).

0	120	0	0	160
120	0	40	90	0
0	40	0	0	100
0	90	0	0	70
160	0	100	70	0

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3) What is the cheapest path to get from Abu Dhabi to Dublin?

Abu Dhabi > Berlin > Dublin

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