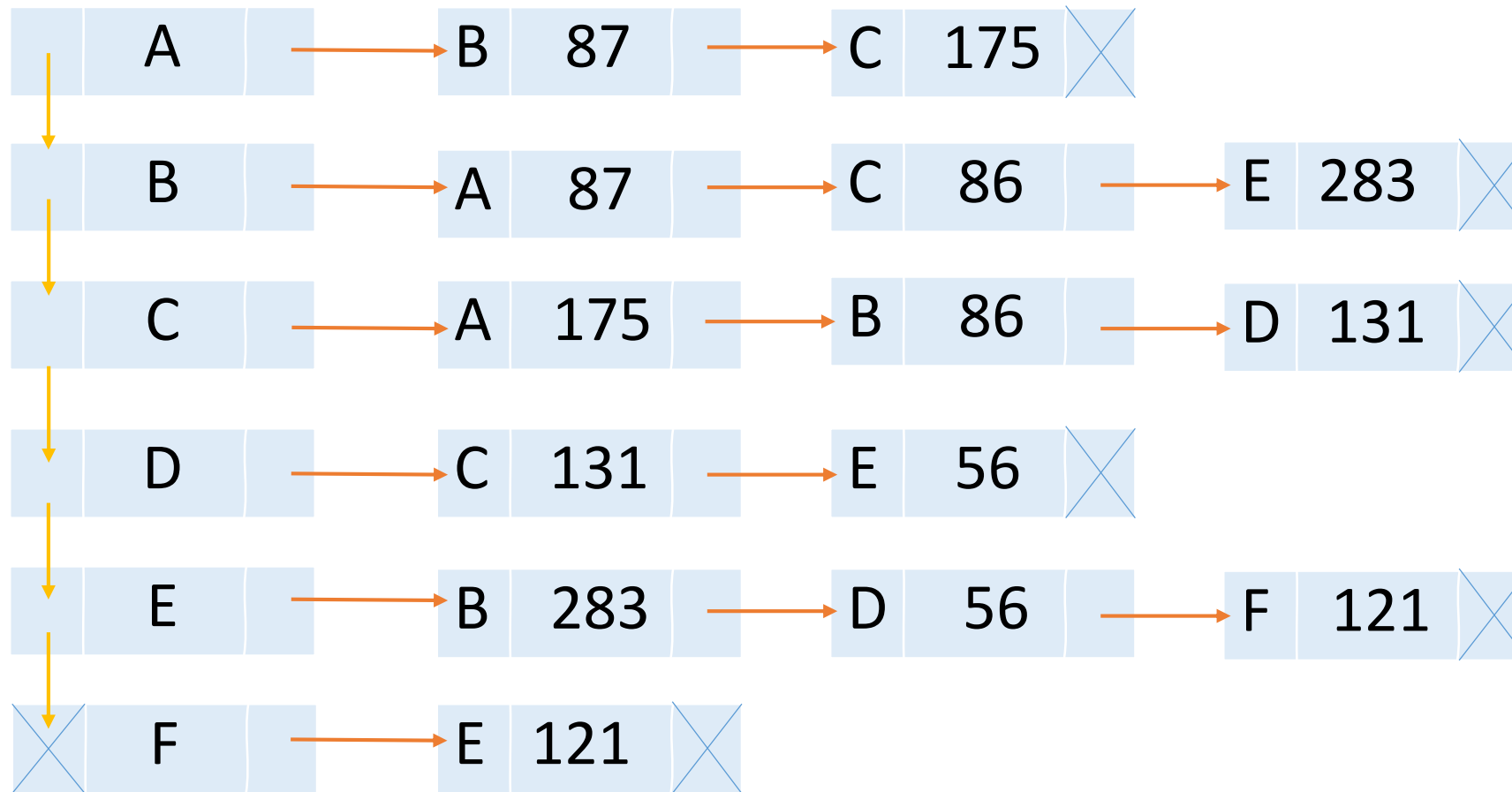


A
B
C
D
E
F

	A	B	C	D	E	F
A	-	87	175	-	-	-
B	87	-	86	-	283	-
C	175	86	-	131	-	-
D	-	-	131	-	56	-
E	-	283	-	-	-	121
F	-	-	-	-	121	-

Vertex
vector

Adjacency matrix

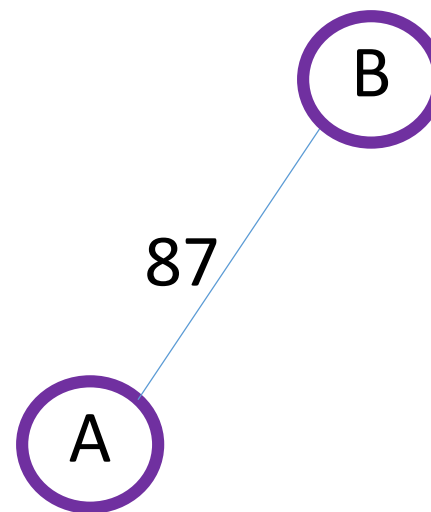


Vertex list

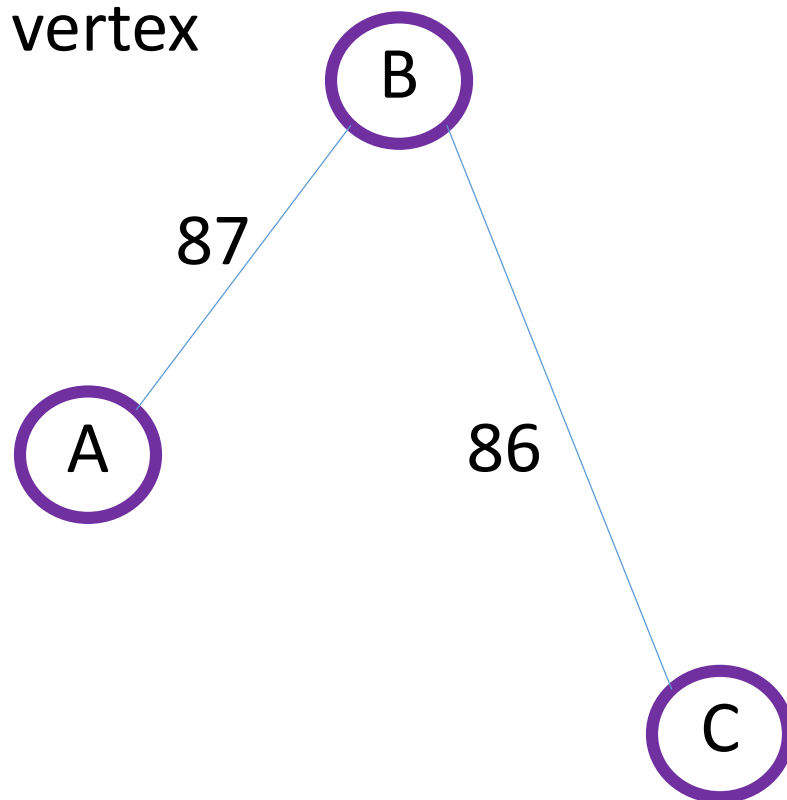
Adjacency list



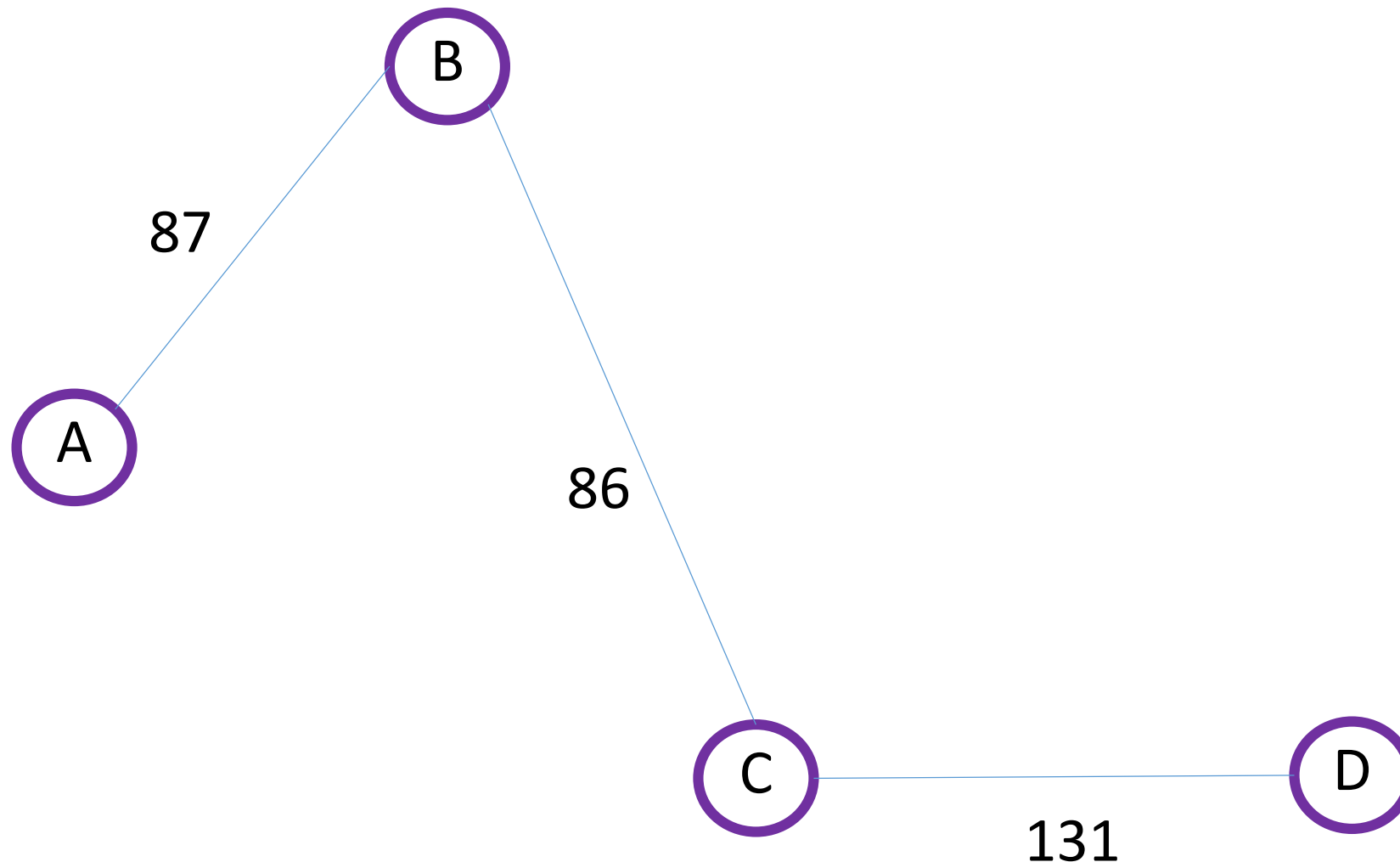
(a) Insert first vertex



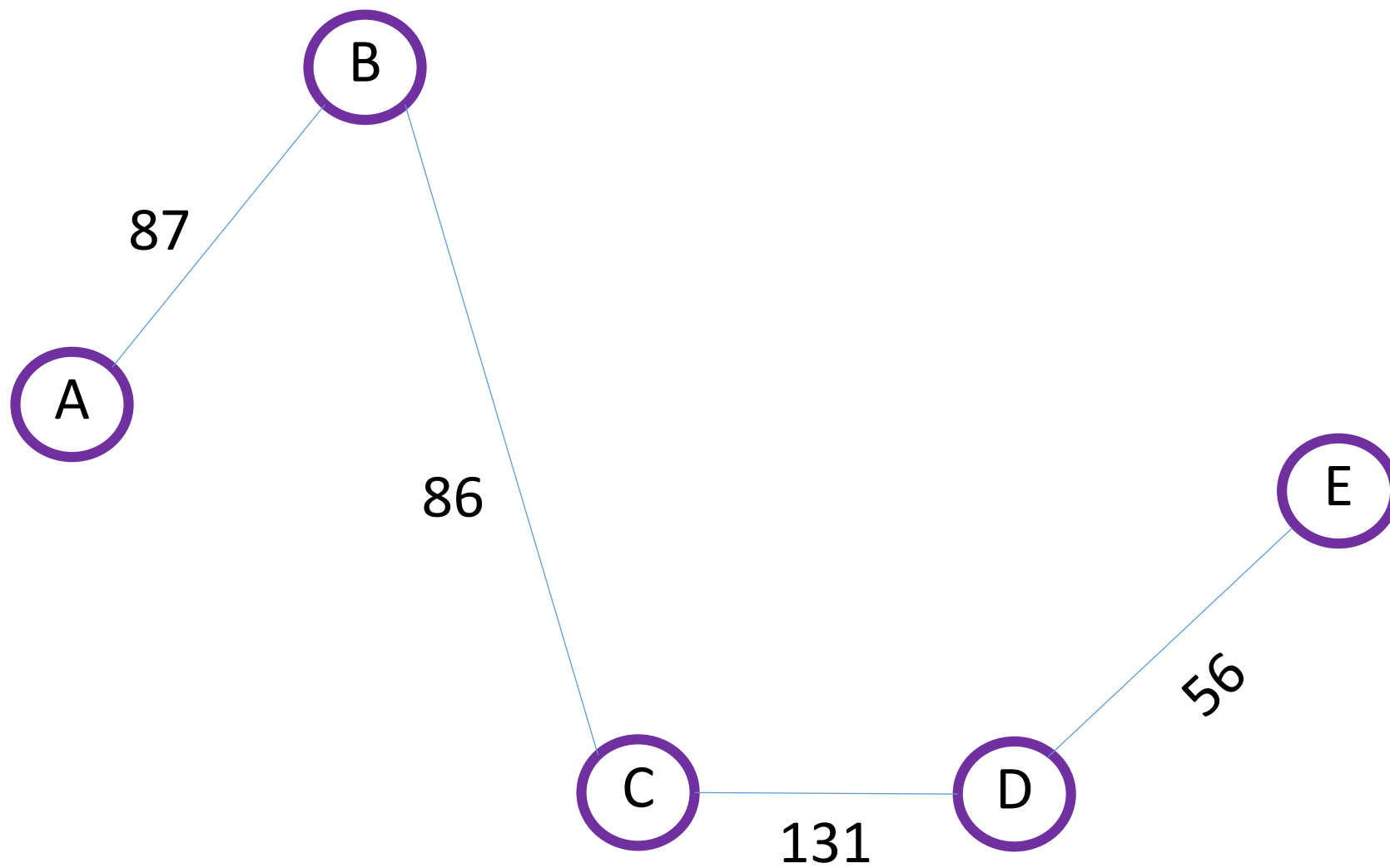
(b) Insert edge AC



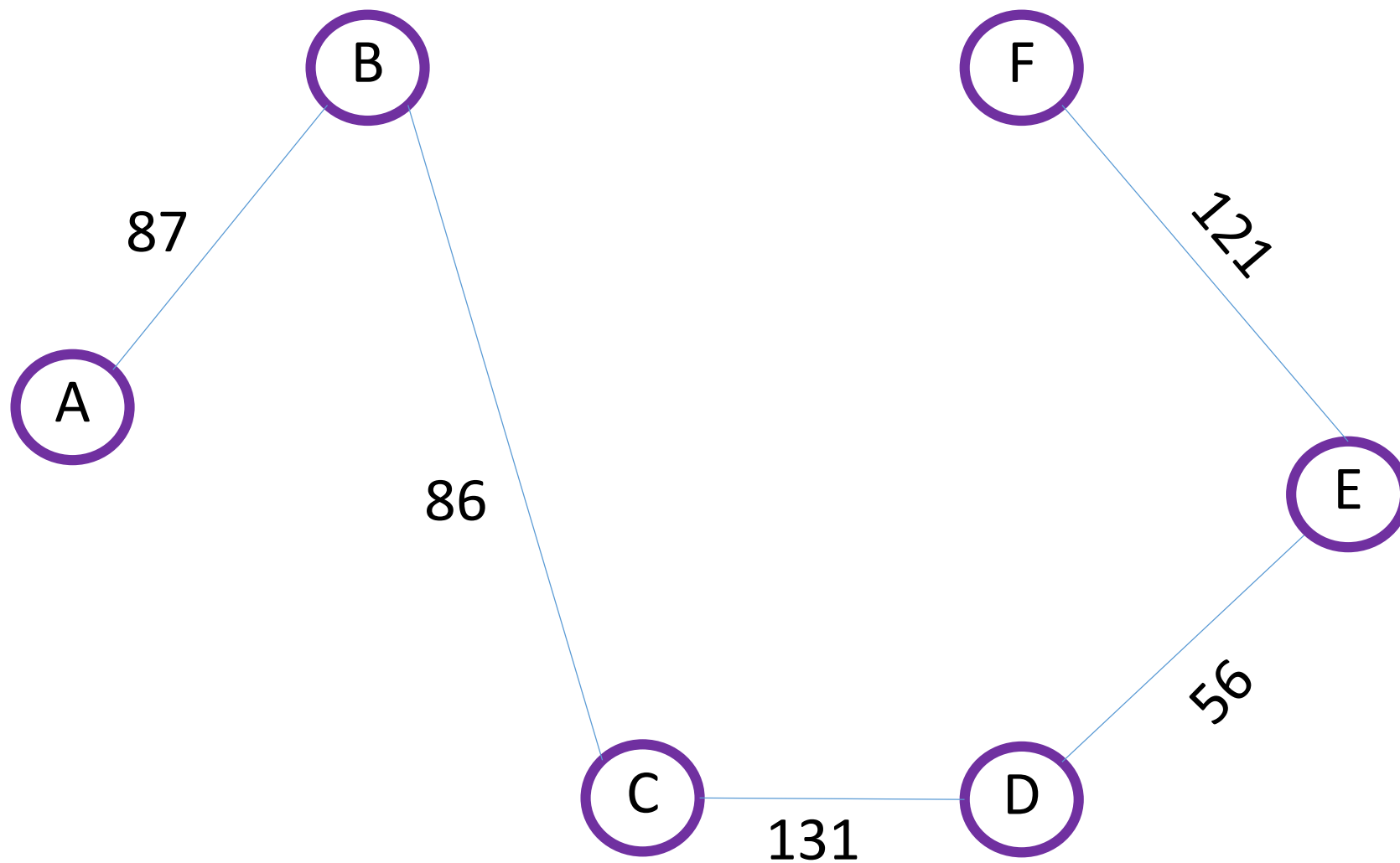
(c) Insert edge BC



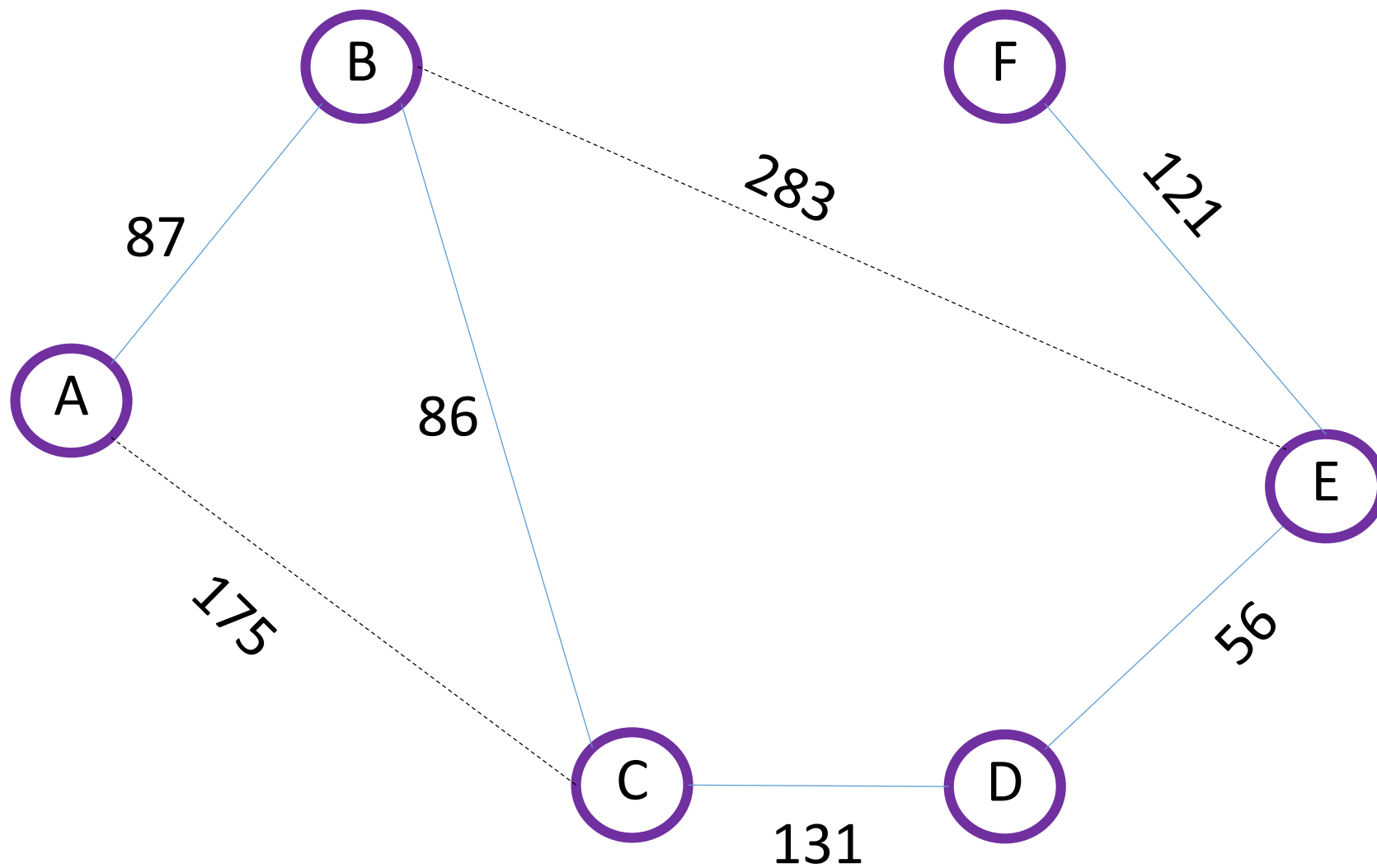
(d) Insert edge CD¹³¹



(e) Insert edge DE



(f) Insert edge EF



(g) Final tree in the graph