Question :
Suppose that the keys A through G with the hash values given below are inserted in some order into an initially empty table of size 7 using a linear-probing table (with no resizing for this problem). Which of the following could not possibly result from inserting these keys?

Keys	A	B	C	D	E	F	G
Hash	2	0	0	4	4	4	1

a. E F G A C B D
b. C E B G F D A
c. B D F A C E G
d. C G B A D E F
e. F G B D A C E
f. G E C A D B F

Solution :
Only option d is possible from the following options. When we apply a Linear Probing Hash Symbol Table to the array then the representation will be C, G, B, A, D, E, F.