Quiz 16. Perfect phylogeny

You are given 2 binary matrices representing 5 objects in terms of 5 characters or traits.

1. Which of the two has a perfect phylogenetic tree?

	1	2	3	4	5
A	1	1	0	0	0
B	0	0	1	0	0
C	1	1	0	0	1
D	0	0	1	1	0
E	0	1	0	0	0

A

	1	2	3	4	5
A	1	1	0	0	0
B	0	0	1	0	1
C	1	1	0	0	1
D	0	0	1	1	0
E	0	1	0	0	1

B

2. Build this tree

A					
B					
C					
D					
E					

Sorted

A					
B					
C					
D					
E					