Consider the schema S(A, B, C,	D,	E) together	with the	functional	dependencies	s:
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- BD  $\rightarrow$ A
- AB→C
- D→A
- B→C
- C→E
- 1) Is S in 3NF? Why or why not?

2) If S is not in 3NF, decompose into 3NF using the **lossless join decomposition** method.

3) If S is not in 3NF, decompose into 3NF using the **synthesis** method.