Consider the schema S(A, B, C, D, E) together with the functional dependencies:

- · BD >A } REGINNANNA
- D→A
 B→C
 C→E
 Minimal corer.
 DB⁺= § DIBACE

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.
- · Decompose on D->A

3) If S is not in 3NF, decompose into 3NF using the ${\bf synthesis}$ method.