Your Name:

R(A, B, C, D, E): BC \rightarrow D, D \rightarrow E, A \rightarrow C, CE \rightarrow B, E \rightarrow C

1. Try to write a relation that satisfies the FDs above, but does not satisfy: A \rightarrow B

\begin{tabular}{|c|c|c|c|c|}
\hline
A & B & C & D & E \\
\hline
\hline
\hline
\hline
\end{tabular}

2. Closure of D

2. Closure of BE

4. Candidate keys for the schema

5. Decompose into 2 relations