Candidate key (d) Consider a schema T(A,B,C,D) with the functional dependencies $AB \longrightarrow C$, $AB \longrightarrow D$ and $BC \longrightarrow D$. If we decompose the schema into (A, B, D) & (B, C, D), is it a **lossless decompo**sition? If yes, explain why. If not, try to produce a counterexample. Are the two subschemas in Boyce-Codd normal form? Explain. [8 marks] ABCD ABCD Not DB+1) lossless ABD ABC ABOC AB-D 1 ABOC AB AB p' 9, b, C, d, 9, b, C, d, 92 b, C, d, 92 b, C, d