HW9 1002748716 AB -> C, ABC -> AD, SO, ABC -> D. D -> E. AB) = ABCDE Q2. D>A NOT FOLLOWS. First, we have D. Then, we have DE since D> E. E doesn't implies anything. So the only thing me have is DE. a. Not Wehar ABC since AB>C Nothing use. b. NOT AC does not implies anything else C. ENT we have ADB since D>B we have ABOD since AB->C ABCD does not implies anything else. we have AED since AE>D we have AEDB since D&B

ne have AEDBC since AB-> C

SO, AE IT = ABCDE.

Q4 super key in R: AB, ABC, ABD, ABCD. An BOTN'F violactions: B=>C: (B) is not a superkey. B=D = fB) is not a super key. De compose: $\Pi(A,B)$ 12(B,C) 13 (B, D)

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