Chuẩn hoa-2 Vi du trang 81: NV_ DV C Many, Hoten, Ngay soul, Mady, Tendy, Maals phụ E ham: { Manv -> Hoten, Manv -> ngaysinh, Manv -> Mady, Manv -> MaQh, Manv -> Tendv, Madbv -> MaQh?. Quan he NV-DV da thou main 2NF & Khoa Chira là v mano Ouc phy thuốc ham madr -> Tender, Madr -> Maal vi pham Chuẩn 3NF, vi các thuốc tinh shong khan Tend v, Maal phụ thuất bai cầu vào shoa chiết man o thong qua thuốc bát no Madio Chuẩn thoá quan hệ N.V. DV về chuẩn 3NF bang caicl tack thank DV (Made, Tendo, Maal) 152 - { Madro -> tendro, Madro -> maol} NV (Marare, Hoten, Ngay sink, Madre) Fe = { Man = > Hoten, Man = > ngaysach, Mano -> Made Vi'du trang83: SCA,B,C,D,E,F) Va? IF= 1 AB -> C, AB -> D, AB -> E, E -> D, AB -> F}

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KLONG Taco: JABJ = JABCDEF3 => ABla 1 sien khoa' cua's. > A,B khong phai. sich khoa'cea 5. => AB la khoa' cua's Chrown hoa s ve 3NF baing cach tach: $S_1(E,D) - F_1 = 1E \rightarrow D$ Sz (AB, C, E, F) IFz = JAB -> C, AB -> E, AB -> F) Bai 1 trang 84: R (ABCDEF GHIJK) JAB > C, A > DE, B > F, F > GH, D -> EJK] SKS => AB là 1 sien lehoaí and R. {AB}+ = {ABCDEFGHIJKS => AB là 1 sien lehoù and R. 4AJ+ = JADEIJKS 1BFGH> => AB loi 1 sien lehote and R. Chuan hoa Rue dang 2NF baing cach tack R thank: R1 (A,D, E, I, J, E) voi: 15 = 3A->D, A->E, D-> IJKS R2 (B, F, G, H) voi 1F2 = 1 B->F, F->GH) R3 (A, B, C) vot 11-3 = 3AB-2C}

Chuan hoa R ve dang 3 NF baing cach tack Ry, Rz thank RIA (D, I, J,K) |Fia = {D > IJK? IFAD = 1 A-D, A-ES R_{4b} (A, D, E) RZQ (F, G, H) FZQ = 1F > GHS. 1F2 2 1 6-> FS R2b (B, F) F3 = 1AB -> C) R_3 (AB,C) Bou 2 trang 86: R(ABCDEFGHIJE) IF = 1 AB -> C, BD -> EF, AD -> GH, A-> I, H->JK} 2ABD3+ = PABOEFGHIJK3 => ABD to 1 sichhoa. AD 3+ = 1 AD G H I J K 3 (=> AB, BD, AD không phai?
1 BD 3+ = 1 BD E F 3 (=> AB, BD, AD không phai?
1 a 1 sice lehoà. 3 AB3+ = 1ABCT }. Chuẩn hoa'k vão 2NF bang cách tạch thank: R_{A} (ABC) $|F_{2}| = |AB \rightarrow CZ$ R_{Z} (BDFF) $|F_{2}| = |AB \rightarrow CZ$ R_{3} (ADGHTK) $|F_{3}| = |AD \rightarrow GH, H \rightarrow JK$ $|F_{4}| = |A \rightarrow TZ|$ Chuẩn hoa vã 3NF bang cuch tach Rz thanh: 15a= 1 + > JK} R3a (HJIC) Red (ADGH) 11= 1AD-> GH}

III.

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