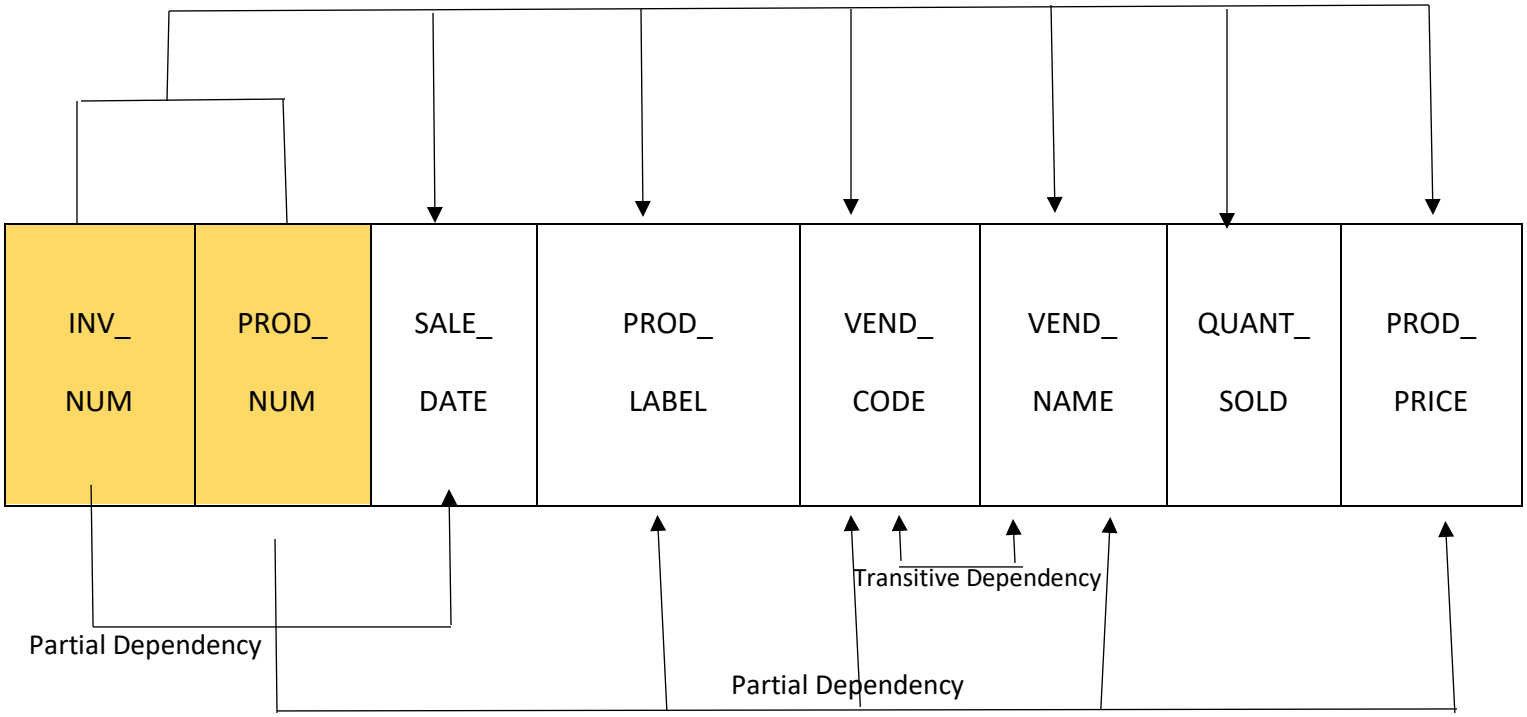
Turner Barnett

CIS 310-02

Assignment 6

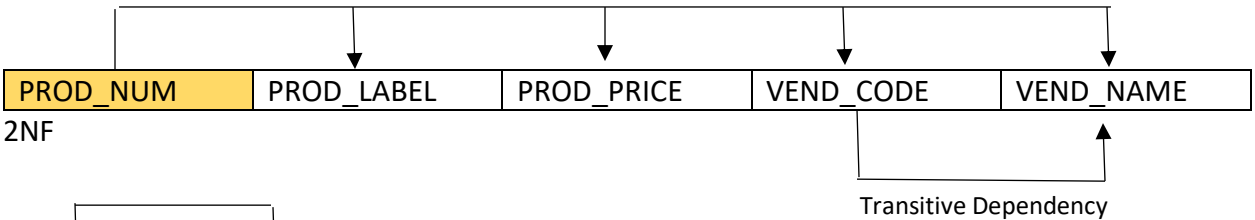
Due: October 11 before 1pm

Description: Dependency Diagram and Crows Foot pg. 238

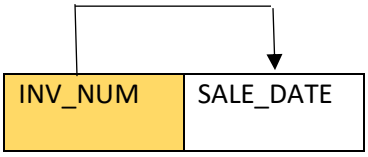


2. Yes, the table is in 1NF because there is a formatted table that does not have any repeating groups, and the primary key can be identified, which is labeled in the above table/diagram.

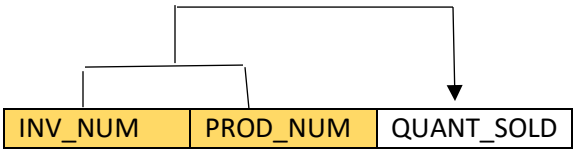
3. No, the table is not in 2NF because it has partial dependencies, as shown in the above dependency table. The below tables/diagrams remove the partial dependencies in order to make the table 2NF.



2NF

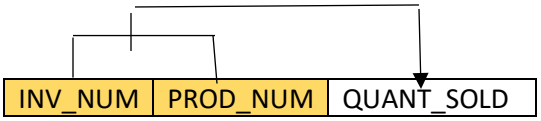


3NF

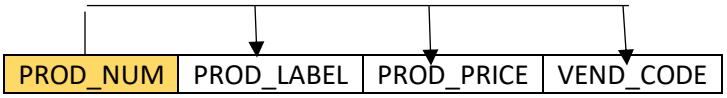


3NF

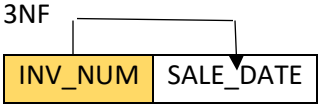
4. No, the database is not in 3NF because it has a transitive dependency between VEND_CODE and VEND_NAME, and it is also not 2NF. The tables below remove the transitive dependency between VEND_CODE and VEND_NAME in order to become 3NF



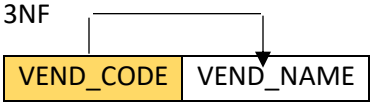
3NF

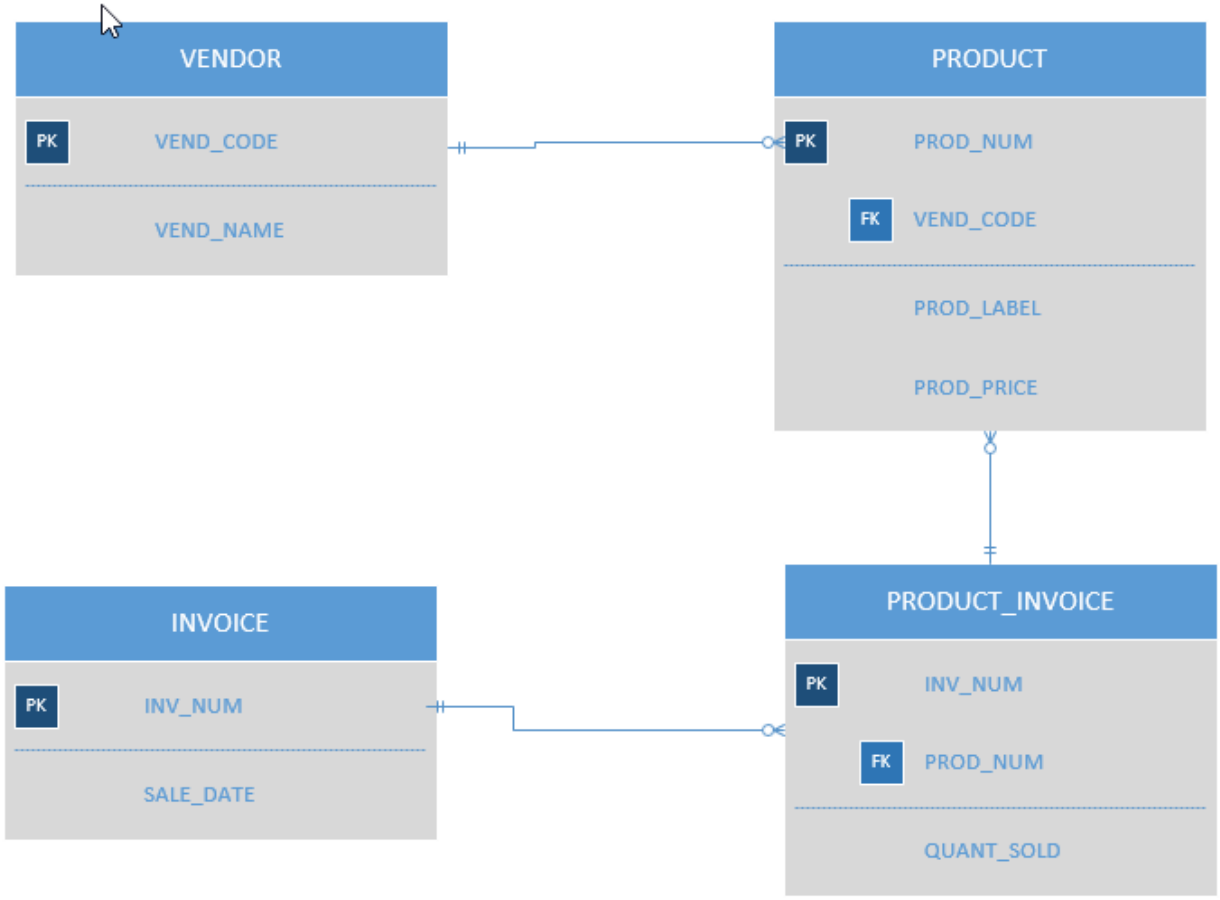


3NF



3NF



3NF

5. Crow's Foot Diagram for above 3NF: