



Name: Jairns Galang  
Section: Block 2 Schedule: \_\_\_\_\_

Class number: \_\_\_\_\_  
Date: \_\_\_\_\_

Suppose you had been given a schema below, convert it into 3NF, showing all intermediate stages. Write your answers inside the box.

**BRANCH** (BranchNo, BranchAddr, (ISBN, Title, Author, Publisher, NumCopies))

**1NF**

BRANCH - 1 (BranchNo, Branch Addr)  
STOCKS - 1 (BranchNo, ISBN, Title, Author, Publisher, NumCopies)

BRANCH - 2 (BranchNo, Branch Addr)  
STOCKS - 2 (BranchNo, ISBN, NumCopies)  
BOOK - 2 (ISBN, Title, Author, Publisher)

**3NF**

Branch - 3 (BranchNo, Branch Addr)  
Stock - 3 (BranchNo, ISBN, NumCopies)  
Book - 3 (ISBN, Title, Author, Publisher)

2) Activity 4: What I Know Chart, part 2 (2 mins)

This section serves as your review and summary of what you have learned from today's session. Try to express how your knowledge has changed by reviewing the questions in the What I Know Chart from Activity 1 and write your answers to the questions based on what you know in the third column of the chart.

3) Activity 5: Check for Understanding (2 mins)

SCORE: \_\_\_\_\_

Based from the content notes, provide what is being asked in each number. Write your answer on the space provided.

1. (True or False) For a table to be in the Second Normal form, it should be in the First Normal form and it should not have Partial Dependency. TRUE
2. (True or False) First normal form (1NF) should have multivalued attributes/columns. TRUE FALSE
3. A type of functional dependency which happens when it is indirectly formed by two functional dependencies. Transitive
4. Any attribute of a table that partially depends on the primary key. Normal Form
5. A normal form which creates separate tables for sets of values that apply to multiple records. 2NF
6. A normal form which eliminate fields that do not depend on the key. 3NF
7. A normal form which expects you to design your table in such a way that it can easily be extended, and it is easier for you to retrieve data from it whenever required. 1NF

**C. LESSON WRAP-UP**

1) Activity 6: Thinking about Learning (5 mins)