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**DAD-220**

**March 7, 2022**

# DAD 220 Module Two Activity

1. How many records are shown in the Employee table?

There are 5 records in the Employee Table

1. How many attributes are there in the Branches table?

There are two attributes in the Branches Table, Department\_Name and \_ID

1. Which attribute could be a primary key for the Employee table?

Employee\_ID is probably stable, simple, and meaningless

1. How many decimal places (maximum) can be stored in an employee’s salary field?

Two decimals ae allowed

1. How many decimal places (maximum) can a Department\_ID have?

Zero, it is an integer

1. What three rules do tables obey?
2. Tables are normalized — exactly one value exists in each cell.
3. No duplicate column names — duplicate column names are not allowed in one table. However, the same column name can appear in different tables.
4. No duplicate rows — no two rows may have identical values in all columns.
5. How do you know that the Employee table is or is not normalized?

There is only one value in each cell so it is normalized

1. What is the result of the following query? - Select sum(Salary) from Employee where Department\_ID=3;

170000

1. How many rows are returned as a result of the following query? - Select \* from Employee where Classification<> 'Exempt';

Two rows are returned as the NULL evaluates to NULL and not TRUE

1. What is the result of the following query? - Select max(Salary) from Employee;

90000