



DAD 220 Module Two Activity Template

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DAD-220 Intro to Struct Database Env

16 January 2024

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

5 Records

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

2 Attributes

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

Employee_ID

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

Maximum of 2 decimal places

5. How many decimal places (maximum) can a Department_ID have?

0. It cannot have decimals since it's a SMALLINT. It only does whole numbers

6. What three rules do tables obey?

The three rules are normalized, no duplicate column names and no duplicate rows

7. Is the Employee table normalized? How do you know?

It is normalized Because each cell only has one value

8. What is the result of the following query?

- `Select sum(Salary) from Employee where Department_ID=3;`

The total sum of this query would be 170,000, the salaries of 80,000 + 90,000 = 170,000

9. Identify the Employee ID(s) that would be returned as a result of the following query.

- `Select * from Employee where Classification <> 'Exempt';`

2 ID's are returned the employee ID's 100 and 102

10. What is the result of the following query?

- `Select max(Salary) from Employee;`

The query would return the max salary of 90,000