# DAD 220 Module Two Activity Template

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DAD-220 Intro to Struct Database Env

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

**5 Records**

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

**2 Attributes**

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

**Employee\_ID**

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

**Maximum of 2 decimal places**

1. 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**

1. What three rules do tables obey?

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

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

**It is normalized Because each cell only has one value**

1. 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**

1. 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**

1. What is the result of the following query?

* Select max(Salary) from Employee;

**The query would return the max salary of 90,000**