# DAD 220 Module Two Activity

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Place your answers for the Module Two table and SQL identification activity in this document and submit it for grading. You will need to download this template, save it as a unique file, and submit it. Rename this document to include your last name, and remove these instructions before submitting.

Using the tables and SQL statements from the prompt for Module Two Activity, answer the following questions. Replace the bracketed text with your answers.

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

**7**

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

**4**

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

**EMPLOYEE\_ID, FIRST\_NAME, LAST\_NAME, DEPARTMENT\_ID, CLASSIFICATION, STATUS, SALARY**

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

**2**

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

**None, because SMALLINT is only whole numbers. Allowing no decimals.**

1. What three rules do tables obey?
   * + 1. **Tables are normalized**
       2. **No duplicate column names**
       3. **No duplicate rows**
2. How do you know that the Employee table is or is not normalized?

**Because there is only one value in each cell**

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

**80000 (Mary Williams)**

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

**2 rows**

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

**100 and 104**