DAD 220

Professor Renetta English

Matthew Keaton

21 January 2024

1. **Connect to the database**you created and named in Module One (for example, Jetson). Type after the prompt mysql> use keaton

A computer screen with white text

Description automatically generated**2. Create the Employee table**using the SQL statement shown here. Press **Return**after each line.

CREATE TABLE Employee (

Employee\_ID SMALLINT,

First\_Name VARCHAR(40),

Last\_Name VARCHAR(60),

Department\_ID SMALLINT,

Classification VARCHAR(10),

STATUS VARCHAR(10),

A computer screen with white text

Description automatically generatedSalary DECIMAL(7,2));

**3. Create the Branches table.**Fill in the missing characters or punctuation in the incomplete statement shown below to complete this action.

CREATE TABLE Branches (

Department\_ID SMALLINT,

Department\_Name VARCHAR(60));

A computer screen shot of white text

Description automatically generated

4. After creating the tables, use the correct commands to **describe them**.

describe Employee;

describe Branches;

A computer screen shot of a black screen

Description automatically generated

5. **Insert**the following **records into the Employee table (with support)**.

INSERT INTO Employee VALUES

(100, 'John', 'Smith', 1, 'Exempt', 'Full-Time', 90000),

(101,'Mary','Jones',2,'Non-Exempt','Part-Time',35000),

(102,'Mary','Williams',3,'Exempt','Full-Time',80000);

A computer screen with white text

Description automatically generated

6. **Insert**the following **records into the Employee table**for Gwen Johnson and Michael Jones by writing the correct SQL commands on your own **(without support).**

INSERT INTO Employee VALUES

(103, 'Gwen', 'Johnson', 4, NULL, 'Full-Time', 40000),

(104, 'Michael', 'Jones', 4, 'Non-Exempt', 'Full-Time', 90000),

(105, 'Matthew', 'Keaton', 1, 'Non-Exempt', 'Full-Time', 95000);

SELECT \*

FROM Employee;

A computer screen shot of a black screen

Description automatically generated

6F. Insert records for a musician, athlete, or other famous character of your choice. Make sure to enter information for all of the fields listed in this table.

INSERT INTO Employee VALUES

(106, 'Jack', 'Harlow', 3, 'Exempt', 'Full-Time', 75000),

(107, 'Josh', 'Allen', 2, 'Non-Exempt', 'Part-Time', 30000),

(108, 'Toby', 'Kieth', 3, 'Exempt', 'Full-Time', 80000);

SELECT \*

FROM Employee;

7. **Select the fields of last name, first name, and department id from the table.**

SELECT First\_Name, Last\_Name, Department\_ID

FROM Employee;

A computer screen shot of a black screen

Description automatically generated

7A. Select First\_Name, Last\_Name, Employee\_ID, Department\_ID from Employee;

SELECT First\_Name, Last\_Name, Employee\_ID, Department\_ID

FROM Employee;

A computer screen with white text

Description automatically generated