**Instructions**

* There are **5** questions in this assignment.
* Email/paper/other modes of submissions will not be accepted.
* Upload a word **version** of this document.
* Submit the assignment by the due date and time.

**Due Date:** **24/9/24, 6 pm**

**Submitting this Assignment**

You will submit (upload) this assignment in MS Teams. Name this document as NGLA1\_AJPODD2024\_John\_Doe.doc in case your name is John Doe, and this non-graded lab assignment is no. 1 of course whose acronym is AJP, and offered in ODD 2024. Paste your code after each question, paste the screenshot of output, save and upload the document.

**Grading Scheme:** This assignment has0 Marks. However, students must submit the complete assignment by the due date and time.

**Question 1:**

Write a MySQL query to create a simple table countries including columns country\_id, country\_name and region\_id.

**ANSWER 1:**

**CREATE TABLE countries (**

**country\_id VARCHAR(2),**

**country\_name VARCHAR(40),**

**region\_id DECIMAL(10, 0)**

**);**

**Question 2:**

Write a MySQL query to create a table countries set a constraint NULL.

**ANSWER 2:**

**CREATE TABLE countries (**

**country\_id VARCHAR(2),**

**country\_name VARCHAR(40),**

**region\_id DECIMAL(10, 0)**

**);**

**Question 3:**

Write a MySQL query to create a table named jobs including columns job\_id, job\_title, min\_salary, max\_salary and check whether the max\_salary amount exceeding the upper limit 25000.

**ANSWER 3:**

**CREATE TABLE IF NOT EXISTS jobs (**

**job\_id VARCHAR(10) NOT NULL,**

**job\_title VARCHAR(35) NOT NULL,**

**min\_salary DECIMAL(10, 2),**

**max\_salary DECIMAL(10, 2),**

**CHECK (max\_salary <= 25000)**

**);**

**Question 4:**

Write a SQL statement to change salary of employee to 8000 whose ID is 105, if the existing salary is less than 5000.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EMPLOYEE\_ID | FIRST\_NAME | LAST\_NAME | EMAIL | PHONE\_NUMBER | HIRE\_DATE | SALARY | MANAGER\_ID | DEPARTMENT\_ID |
| 101 | Steven | Kochhar | SK | 515.123.4561 | 1987-06-11 | 25000.00 | 0 | 5 |
| 102 | Neena | Hunold | NH | 515.123.4562 | 1987-03-14 | 24000.00 | 100 | 10 |
| 103 | Lex | Ernst | LE | 515.123.4563 | 1987-06-14 | 17000.00 | 102 | 20 |
| 104 | Alexander | Austin | AA | 515.123.4564 | 1987-06-19 | 16000.00 | 103 | 30 |
| 105 | Bruce | Lorentz | BL | 515.123.4565 | 1987-06-10 | 4000.00 | 104 | 40 |
| 106 | David | Faviet | DF | 515.123.4566 | 1987-06-12 | 9000.00 | 105 | 50 |
| 107 | Valli | Chen | VC | 515.123.4567 | 1987-06-17 | 8000.00 | 106 | 60 |

**ANSWER 4:**

**UPDATE employees**

**SET salary = 8000**

**WHERE employee\_id = 105**

**AND salary < 5000;**

Question 5:

1. With the reference of the above table update the *DEPARTMENT\_ID* of the employee whose salary is greater than 24000.00 to 101.

**ANSWER: UPDATE employees**

**SET department\_id = 101**

**WHERE salary > 24000.00;**

1. Write the MySQL command to delete the column of MANAGER\_ID from the above table.

**ANSWER: ALTER TABLE employees**

**DROP COLUMN manager\_id;**