**COMPUTER SCIENCE DEPARTMENT**

LAB: Database System

**Assignment # 04**

**Last date of Submission: 25th October 2024**

# Submitted To: Mam Kashia Riaz

**Student Name: UBAID-BIN-WARIS**

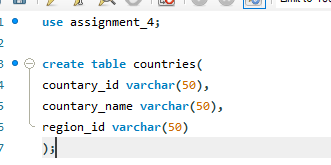
# Reg. Number: 2212416

# 

**Q no.1**

Write an SQL statement to create a simple table countries including columns countary\_id, countary\_name and region\_id.

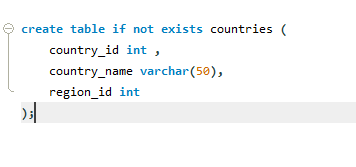
**Solution**



**Q no.2**

Write an SQL statement to create a simple table countries including columns countary\_id, countary\_name and region\_id Which is already exists.

**Solution**

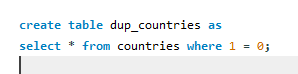




**Q no.3**

Write an SQL statement to create the structure of the table dup\_countries similar to countries.

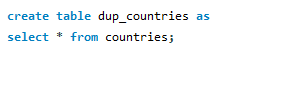
**Solution**



**Q no.4**

Write an SQL statement to create a dublicate copy of countries table including structure and data by namedup\_countries.

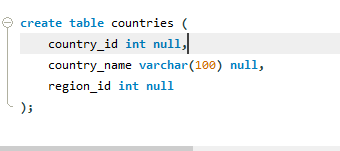
**Solution**



**Q no.5**

Write an SQL statement to create a table countries with constraint NULL

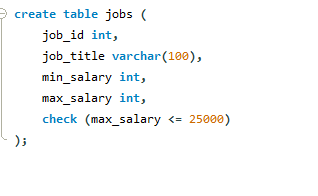
**Solution**



**Q no.6**

Write an SQL statement to create a table named jobs including columns job\_id, job\_title, min\_salary, max\_salary, and cheak weather the max\_salary exccding the upper limit 25000.

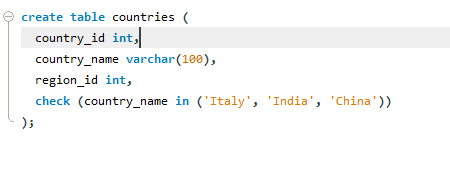
**Solution**



**Q no.7**

Write an SQL statement to create a table named countries including columns countary\_id, countary\_name and region\_id and make sure that there is no country expect Italy, India and China will be entered in a table.

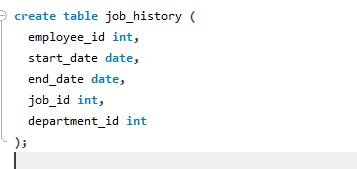
**Solution**



**Q no.8**

Write an SQL statement to create a table named jobs including columns employee\_id, start\_date, end\_date, job\_id, department\_id and make sure that the value against column end\_date will be entered at the time of insertion to the format like ‘--/--/----’

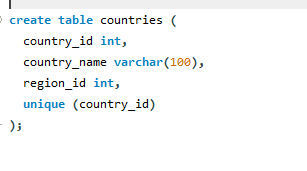
**Solution**



**Q no.9**

Write an SQL statement to create a table named countries including columns countary\_id, countary\_name and region\_id and make sure that there no dublicate data against column countary\_id will be allowed at the time of insertion.

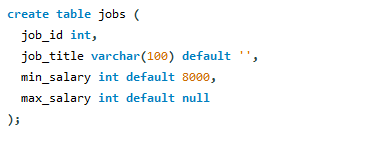
**Solution**



**Q no.10**

Write an SQL statement to create a table named jobs including columns job\_id, job\_title, min\_salary, max\_salary, and make sure that, the default value for job\_title is blank and min\_salary is 8000 and max\_salary is NULL will be entered autometically at the time of insertion if no value assigned for the specific columns.

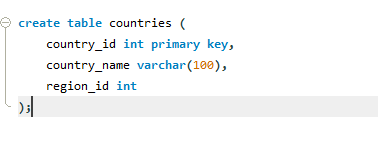
**Solution**



**Q no.11**

Write an SQL statement to create a table named countries including columns countary\_id, countary\_name and region\_id and make sure that the countary\_id column will be a key field which will not contain any dublicate data at the time of insertion.

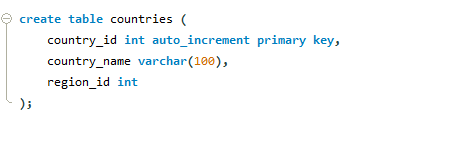
**Solution**



**Q no.12**

Write an SQL statement to create a table named countries including columns countary\_id, countary\_name and region\_id and make sure that the countary\_id column will be a unique and store an auto incremented value.

**Solution**



**Q no.13**

Write an SQL statement to create a table named countries including columns countary\_id, countary\_name and region\_id and make sure that the column combination of countary\_id and region\_id will be unique.

**Solution**

