

Basics of relational databases

Integrity rules

Basic SQL CREATE TABLE statement

Integrity constraint syntax

Assignment 1 Notes

Practice Problems and Assignment

✓ Reading: Optional reading  
10 min

✓ Reading: DBMS installation and configuration notes  
10 min

✓ Reading: Practice Problems for Module 3  
10 min

✓ Practice Quiz: Quiz for Module 3 practice problems  
22 questions

✓ Reading: Extra Problems for Module 3  
10 min

✓ Reading: Assignment for

# Peer-graded Assignment: Module 3 Assignment

## You submitted!

Your grade should be available soon. In the meantime, we recommend reviewing a classmates' work.

[Review Classmates' Work](#)

It looks like this is your first peer-graded assignment. [Learn more](#)

## Instructions

## My submission

## Discussions

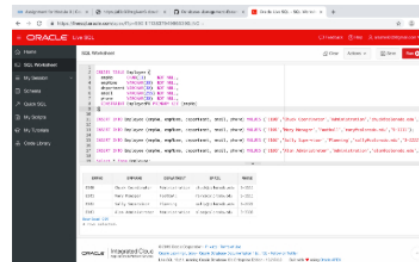
## CREATION OF TABLES

Submitted on May 15, 2019

[Shareable Link](#)

### PROMPT

Submit a document containing a CREATE TABLE statement and screen snapshot for the Employee table



### RUBRIC

The student uploaded a file containing the required CREATE TABLE statement and the snapshot for the Employee table.

10 points  
Both CREATE TABLE statement and the snapshot are uploaded. (10 points)

5 points  
Only one requirement (either the statement or the snapshot) is uploaded. (5 points)

0 points  
Neither CREATE TABLE statement nor the snapshot is uploaded. (0 points)

See the suggested solution for problem 1 in the module 3 assignment solution for Oracle (<http://bit.ly/1i4Z3nb>) and MySQL (<http://bit.ly/1NuFaTS>)

You should use your best judgment to evaluate the syntax and required elements of the submitted CREATE TABLE statement.

- EmpNo column is the primary key with VARCHAR/VARCHAR2 data type

- All columns have NOT NULL constraints

- No obvious syntax errors such as missing commas or misspelled keywords

10 points  
Excellent: All the requirements are met. (10 points)

9 points  
Good: No syntax errors and only 1 or 2 missed requirements (9 points)


7.5 points  
Average: No syntax errors and 3 to 5 missing requirements. (7.5 points)

5 points  
Below average: No syntax errors but more than 5 errors (5 points)

0 points

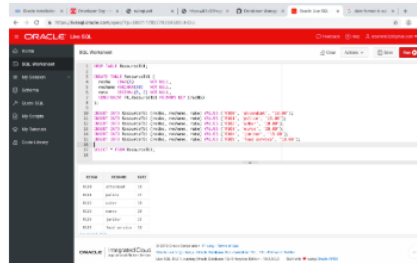
- 0 points  
Poor: Syntax errors so statement does not execute. (0 point)

Please provide your feedback to the student based on his/her performance in problem 1

 **parth patel**  
use verchar

#### PROMPT

Submit a document containing a CREATE TABLE statement and screen snapshot for the Resource table



#### RUBRIC

The student uploaded a file containing the required CREATE TABLE statement and the snapshot for the Resource table.


- 10 points  
**Both CREATE TABLE statement and the snapshot are uploaded. (10 points)**
- 5 points  
Only one requirement (either the statement or the snapshot) is uploaded. (5 points)
- 0 points  
Neither CREATE TABLE statement nor the snapshot is uploaded. (0 points)

See the suggested solution for problem 2 in the module 3 assignment solution for Oracle (<http://bit.ly/1i4Z3nb>) and MySQL (<http://bit.ly/1NuFaTS>).

You should use your best judgment to evaluate the syntax and required elements of the submitted CREATE TABLE statement.

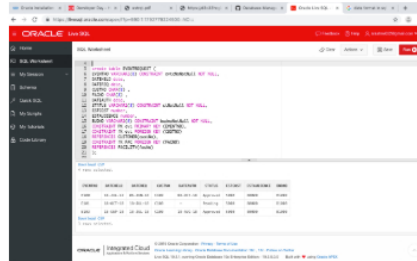
- ResNo column is the primary key with VARCHAR/VARCHAR2 data type and length 8
  - All columns have NOT NULL constraint
  - Rate column has a numeric data type (such as NUMBER)
  - Check constraint for Rate column is set for greater than 0
  - No obvious syntax errors such as missing commas or misspelled keywords
- 10 points  
Excellent: All the requirements are met. (10 points)
  - 9 points  
**Good: No syntax errors and only 1 or 2 missed requirements (9 points)**
  - 7.5 points  
Average: No syntax errors and 3 to 5 missing requirements. (7.5 points)
  - 5 points  
Below average: No syntax errors but more than 5 errors (5 points)
  - 0 points  
Poor: Syntax errors so statement does not execute. (0 point)

Please provide your feedback to the student based on his/her performance in problem 2

 **parth patel**

## PROMPT

Submit a document containing a CREATE TABLE statement and screen snapshot for the Event Request table



## RUBRIC

The student uploaded a file containing the required CREATE TABLE statement and the snapshot for the Event Request table

**10 points**  
Both CREATE TABLE statement and the snapshot are uploaded. (10 points)

5 points  
Only one requirement (either the statement or the snapshot) is uploaded. (5 points) Only one requirement (either the statement or the snapshot) is uploaded. (5 points)

0 points  
Neither CREATE TABLE statement nor the snapshot is uploaded. (0 points)

See the suggested solution for problem 3 in the module 3 assignment solution for Oracle (<http://bit.ly/1i4Z3nb>) and MySQL (<http://bit.ly/1NuFaTS>).

You should use your best judgment to evaluate the syntax and required elements of the submitted CREATE TABLE statement.

- EventNo column is the primary key with VARCHAR/VARCHAR2 data type and length 8

- All columns have NOT NULL constraint except DateAuth and BudNo columns

- DateAuth column has appropriate data type (such as DATE or DATETIME)

- Check constraint for Status column is set to have values of ("Pending", "Denied", or "Approved")

- Check constraint for EstAudience column is set for greater than 0

- CustNo and FacNo foreign keys have data types of VARCHAR/VARCHAR2 with length 8

- Foreign key constraint for CustNo and FacNo exist

- No obvious syntax errors such as missing commas or misspelled keywords

10 points  
Excellent: All the requirements are met. (10 points)

**9 points**  
Good: No syntax errors and only 1 or 2 missed requirements (9 points)

7.5 points  
Average: No syntax errors and 3 to 5 missing requirements. (7.5 points)

5 points  
Below average: No syntax errors but more than 5 errors (5 points)

0 points  
Poor: Syntax errors so statement does not execute. (0 point)

Please provide your feedback to the student based on his/her performance in problem 3

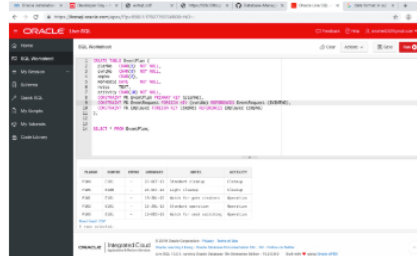


parth patel

use verchar

### PROMPT

Submit a document containing a CREATE TABLE statement and screen snapshot for the Event Plan table



### RUBRIC

The student uploaded a file containing the required CREATE TABLE statement and the snapshot for the Event Plan table

- ☒ **10 points**  
**Both CREATE TABLE statement and the snapshot are uploaded. (10 points)**



- ☐ 5 points  
Only one requirement (either the statement or the snapshot) is uploaded. (5 points)

- ☐ 0 points  
Neither CREATE TABLE statement nor the snapshot is uploaded. (0 points)

See the suggested solution for problem 4 in the module 3 assignment solution for Oracle (<http://bit.ly/1i4Z3nb>) and MySQL (<http://bit.ly/1NuFaTS>).

You should use your best judgment to evaluate the syntax and required elements of the submitted CREATE TABLE statement.

- PlanNo column is the primary key with VARCHAR/VARCHAR2 data type and length 8

- EventNo and EmpNo foreign keys have data types of VARCHAR/VARCHAR2 with length 8

- All columns have NOT NULL constraint except Notes and EmpNo columns

- WorkDate column has appropriate data type (such as DATE or DATETIME)

- Foreign key constraint for EventNo and EmpNo exist

- No obvious syntax errors such as missing commas or misspelled keywords

- ☐ 10 points  
Excellent: All the requirements are met. (10 points)

- ☒ **9 points**  
**Good: No syntax errors and only 1 or 2 missed requirements (9 points)**



- ☐ 7.5 points  
Average: No syntax errors and 3 to 5 missing requirements. (7.5 points)

- ☐ 5 points  
Below average: No syntax errors but more than 5 errors (5 points)

- ☐ 0 points  
Poor: Syntax errors so statement does not execute. (0 point)

Please provide your feedback to the student based on his/her performance in problem 4

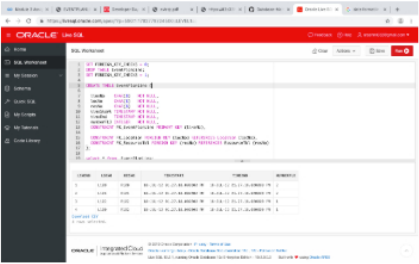


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PROMPT

Submit a document containing a CREATE TABLE statement and screen snapshot for the Event Plan Line table



RUBRIC

The student uploaded a file containing the required CREATE TABLE statement and the snapshot for the Event Plan Line table

- ☒ **10 points**  
**Both CREATE TABLE statement and the snapshot are uploaded. (10 points)**
- ☐ 5 points  
Only one requirement (either the statement or the snapshot) is uploaded. (5 points)
- ☐ 0 points  
Neither CREATE TABLE statement nor the snapshot is uploaded. (0 points)


See the suggested solution for problem 5 in the module 3 assignment solution for Oracle (<http://bit.ly/1i4Z3nb>) and MySQL (<http://bit.ly/1NuFaTS>).

You should use your best judgment to evaluate the syntax and required elements of the submitted CREATE TABLE statement.

- PlanNo and LineNo columns are together the primary key
- All columns have NOT NULL constraint
- TimeStart and TimeEnd columns have appropriate data type (such as DATE in Oracle and DATETIME in MySQL)
- Check constraint is set so the start time is smaller than the end time
- LocNo and ResNo foreign keys have data types of VARCHAR/VARCHAR2 with length 8
- Foreign key constraint for LocNo, ResNo and PlanNo exist
- No obvious syntax errors such as missing commas or misspelled keywords

- ☐ 10 points  
Excellent: All the requirements are met. (10 points)
- ☒ **9 points**  
**Good: No syntax errors and only 1 or 2 missed requirements (9 points)**
- ☐ 7.5 points  
Average: No syntax errors and 3 to 5 missing requirements. (7.5 points)
- ☐ 5 points  
Below average: No syntax errors but more than 5 errors (5 points)
- ☐ 0 points  
Poor: Syntax errors so statement does not execute. (0 point)

Please provide your feedback to the student based on his/her performance in problem 5

**parth patel**  
use verchar

#### OVERALL ASSIGNMENT RUBRIC

Overall, how the student performed in this assignment?

- ☐ The student has made excellent work
- ☒ **The student did great, However, there are areas for improvement**
- ☐ The student performed poorly in this assignment



Please provide your feedback to the student based on his/her performance in this assignment



**parth patel**

need to focus on details

[Edit submission](#)

#### Comments

Comments left for the learner are visible only to that learner and the person who left the comment.



share your thoughts...

