

Modification anomalies

Functional dependencies

Normal forms

Practical concerns

Normalization problems

Course Conclusion

Practice Problems and Assignment

✓ **Reading:** Optional textbook reading materials  
10 min

✓ **Reading:** Practice Problems for Module 11  
10 min

✓ **Reading:** Assignment for Module 11  
10 min

✓ **Peer-graded Assignment:** Module 11 Assignment  
You must review more classmate

🗨 **Review Your Peers:** Module 11 Assignment

# Peer-graded Assignment: Module 11 Assignment

## You passed!

Congratulations. You earned 75.75 / 80 points. Review the feedback below and continue the course when you are ready. You can also help more classmates by reviewing their submissions.

[Review Classmates' Work](#)

## Instructions

## My submission

## Discussions

## module 11

Submitted on May 19, 2019

[Shareable Link](#)

### PROMPT

Submit a document containing the solution for problem 1

[m.11.problem.1.pdf](#)

### RUBRIC

The student uploaded a file containing the required solution

• **10 points**  
**The student uploaded a file containing all the required solutions. (10 points)**



○ 5 points  
The student uploaded a file containing part of the required solution. (5 points)

○ 0 points  
The student did not upload a file containing the required solution (0 point)

See the suggested solution for problem 1 in the module 11 assignment solution (<http://bit.ly/1J5lcax>).

You should use the suggested solution and your best judgment to evaluate the solution.

- The student identified an example of an insertion anomaly.

- The student identified an example of an update anomaly.

- The student identified an example of a deletion anomaly.

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



• **7.5 points +8.75 pts because of a tie Average: Only 1 missing or incorrect requirements. (7.5 points)**



○ 0 points  
Poor: None of the requirements were met. (0 point)

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



**Andrey Sivyakov**

good work



**Joao Pereira Luamba**

Nice Work!


#### PROMPT

Submit a document containing the solution for problem 2

[m.11.problem.2.pdf](#)

#### RUBRIC

The student uploaded a file containing the required solution

- ☒ **10 points**  
**The student uploaded a file containing all the required solutions. (10 points)** 
- ☐ 5 points  
The student uploaded a file containing part of the required solution. (5 points)
- ☐ 0 points  
The student did not upload a file containing the required solution (0 point)



See the suggested solution for problem 2 in the module 11 assignment solution (<http://bit.ly/1J5lcax>).

You should use the suggested solution and your best judgment to evaluate the solution

- The first step contains a list of FDs with 6 FD groups

- For step 2, the solution includes 6 tables, one for each FD group:

- For step 3, the Provider and ProviderEmail tables are merged and a unique constraint is added for ProvEmail. The PK of the merged table is ProvNo.

- ☐ 10 points  
Excellent: All the requirements are met. (10 points) 
- ☐ 9 points  
Good: Only 1 or 2 missed or incorrect requirements (9 points)
- ☒ **7.5 points**  
**Average: About 3 to 5 missing or incorrect requirements. (7.5 points)**
- ☐ 5 points  
Below average: More than 5 requirements were missed or incorrect. (5 points) 
- ☐ 0 points  
Poor: None of the requirements were met. (0 point)

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



**Andrey Sivyakov**

good work



**Joao Pereira Luamba**

Please list the steps !


**PROMPT**

Submit a document containing the solution for problem 3

[m.11.problem.3.pdf](#)

**RUBRIC**

The student uploaded a file containing the required solution


- ☒ **10 points**  
**The student uploaded a file containing all the required solutions. (10 points)** 
- ☐ 5 points  
The student uploaded a file containing part of the required solution. (5 points)
- ☐ 0 points  
The student did not upload a file containing the required solution (0 point)

See the suggested solution for problem 3 in the module 11 assignment solution (<http://bit.ly/1J5lcax>).

You should use the suggested solution and your best judgment to evaluate the solution.

- The student indicated that all tables are in BCNF. The student provided a sufficient explanation.

- The student extended the tables to include UNIQUE constraints for StdEmail, LenderName and InstName attributes.

- ☒ **10 points**  
**Excellent: All the requirements are met. (10 points)** 
- ☐ 9 points  
Good: Only 1 missed or incorrect requirement (9 points)
- ☐ 7.5 points  
Average: Only 2 missing or incorrect requirements. (7.5 points)
- ☐ 5 points  
Below average: More than 2 requirements were missed or incorrect. (5 points)
- ☐ 0 points  
Poor: None of the requirements were met. (0 point)

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



**Andrey Sivyakov**

good work



**Joao Pereira Luamba**

Nice work!


**PROMPT**

Submit a document containing the solution for problem 4

[m.11.problem.4.pdf](#)

**RUBRIC**

The student uploaded a file containing the required solution

- ☒ **10 points**  
**The student uploaded a file containing all the required solutions. (10 points)** 
- ☐ 5 points  
The student uploaded a file

containing part of the required solution. (5 points)

- ☐ 0 points  
The student did not upload a file containing the required solution (0 point)



See the suggested solution for problem 4 in the module 11 assignment solution (<http://bit.ly/1J5lcax>).

You should use the suggested solution and your best judgment to evaluate the solution.


- The student provided 7 FDs with the column OrdNo as the determinant.


- The student provided falsification examples for eligible FDs.

- The student indicated that no falsification examples is available for eligible FDs.

- ☐ 10 points  
Excellent: All the requirements are met. (10 points) 
- ☒ **9 points +9.5 pts because of a tie**  
**Good: About 1 to 3 missed or incorrect requirements (9 points)** 
- ☐ 7.5 points  
Average: About 4 to 6 missing or incorrect requirements. (7.5 points)
- ☐ 5 points  
Below average: More than 6 requirements were missed or incorrect. (5 points)
- ☐ 0 points  
Poor: None of the requirements were met. (0 point)


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

 **Andrey Sivyakov**  
good work


 **Joao Pereira Luamba**  
Nice Job


#### 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

 **Andrey Sivyakov**  
good work

 **Joao Pereira Luamba**  
Overall Nice work!

[Edit submission](#)

### Comments

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



share your thoughts...

