

Grades

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Print

Grade Item	Points	Grade	Comments and Assessments
Assignment <div>▮▮</div>			
GHW#1 <div>▮▮</div>	3.85 / 5		<div>Overall Feedback</div> <div>Problem1:</div> <div>-3 : Intersect table naming incorrect</div> <div>-5 : Overall design logically incorrect (Subway Stations to facility and trainline to subways station both should be M:N,and then be resolved by intersect table)</div> <div>-3 : FK columns were not renamed to match the corresponding PK columns</div> <div>Problem 2:</div> <div>(-3) Did not resolve composite attribute (name, address)</div> <div>(-3) Did not resolve derived attribute (age)</div> <div>(-3) Cannot have Name and phone no as primary key</div> <div>(-3) The logical and relational models do not match and did not rename FK to match PK</div>
GHW#3 <div>▮▮</div>	4.75 / 5		<div>Overall Feedback</div> <div>Problem 1</div> <div>Good work!</div>

Suggestion - Try not using FETCH, it may not give correct answer for top N or bottom N; if two or more result row have the same score/number. And try using RANK function, it gives more robust solution. For ex: RANK() window function handle cases where multiple train lines might have the same maximum number of stations. The RANK() function assigns a unique rank to each line, even if they have the same number of stations.

Problem2

Good work!

Problem 3:

3.1: (-5) You should display orders with total order amount greater than 1000. This should be the sum of total product prices of all products in an order. In your query, you are just considering the price of each individual product in an order separately.

3.2: Using FETCH to get the top N rows may omit rows in case of ties, as it simply limits the number of rows returned without considering the possibility of duplicate values. In scenarios where there are ties in the top ranks, using FETCH could lead to missing relevant data.

In contrast, the RANK() function is designed to handle ties gracefully. It assigns the same rank to rows with equal values and ensures that all tied rows are included in the result. Use RANK instead of FETCH

GHW#4 

5 / 5

Overall Feedback

Problem 1:

Good job!

Problem 2:

Good job!

GHW#2

4.25 / 5

Overall Feedback

Problem 1 :

(-3): emp_id and student_id should be primary key

(-5): normalization mistake - department should be a separate entity

(-3): error in DDL - Discriminator value E not found in LOV

Problem 2:


Good work on Part A!

(-1) : i. Should have 4 entities only(Customer, Product, Order and Finish)

Rest, all answers ii-v correct with valid reasons.

(-3) : Finish or Address table missing

*Since, finish has repetitive values, it should be a separate entity in the model. You may also use address as an entity.

Midtem Exam 

Midterm Exam



17 / 20

Overall Feedback

Problem 1

Good job! Well explained with examples.

Problem 2:

(-5) Logical error: Store and employee should be linked to the order directly. Address should be linked to customer. You cannot have billing and shipping address attributes together in the address entity.

(-3) Did not resolve the one to one relationship between address and

order

(-1) unit price should be in the
ORD_PRO

(-3) Many attributes missing like
invoice no, sales tax, freight, discount
and so on

Problem3:

(-3): order_id is surrogate key

Final Project 

93.83 %

Project Part 2

13.9 / 15



Overall Feedback

Good website designed.
Incorporated secured password,
encrypted password, applied basic
CURD operations, used Sql injections.
Not used transaction locking approach
(-10)

Good job with the AI feature.

No other extra credit feature added.
Good report overall.


Project_Part_1

14.25 / 15



Overall Feedback

(-5): Logically incorrect: relation
between customer and service should
be inverted - customer should be able
to book multiple times. relationship
between Discount and service should
be optional both ways.

Final Exam 

Final Exam


18.8 / 20

Overall Feedback

Problem A: Good job!

Problem B: i) (-3) TX3,4,5 are incorrect

Problem C: (-3): order of columns in
select query should be the same on

both sides of intersect		
Problem D : Good Job		
Problem E: Good Job		
Paticipation 	9.09 / 10	Overall Feedback
Evaluation (Participation) not submitted.		