

דוח ב מיני"פ בסנ"ת

שאלות select עם פרמטרים

קבלת תלמידים לפי סוג הארוחה ושם הארוחה הנבחר

```
SELECT s.Student_Name,s.grade, m.Meal_name, m.Type_meal  
FROM Student_s  
JOIN Eater e ON s.Student_id = e.Student_id  
JOIN Meals m ON e.Meal_id = m.Meal_id  
WHERE m.Type_meal = &<name="meal_type" type="string" list="Breakfast,  
Lunch, Dinner" hint="Pick the type of meal">  
AND m.Meal_name = &<name="meal_name" type="string" list="Hamburger,  
Spaghetti, Pizza, Salad, Sushi, Tacos, Pasta, Steak, Soup, Sandwich" hint="Pick  
the name of the meal">;
```

The screenshot shows a SQL query editor with a query window titled 'ParamsQueries.sql'. The query is as follows:

```
--Select Students by Meal Type and Meal Name  
SELECT s.Student_Name,s.grade, m.Meal_name, m.Type_meal  
FROM Student_s  
JOIN Eater e ON s.Student_id = e.Student_id  
JOIN Meals m ON e.Meal_id = m.Meal_id  
WHERE m.Type_meal = &<name="meal_type" type="string" list="Breakfast, Lunch, Dinner" hint="Pick the type of meal">  
AND m.Meal_name = &<name="meal_name" type="string" list="Hamburger, Spaghetti, Pizza, Salad, Sushi, Tacos, Pasta, Steak, Soup, Sandwich" hint="Pick the name of the meal">;
```

Below the query window, there is a 'Variables' window showing the values of the parameters used in the query:

Name	Value
meal_type	Breakfast
meal_name	Pizza
trip_date	25/10/2023
grade	5
start_activity_date	25/01/2023
finish_activity_date	25/06/2023
transportation_id	55

At the bottom of the screenshot, there is a table showing the results of the query:

	STUDENT_NAME	GRADE	MEAL_NAME	TYPE_MEAL
1	Thomas Anderson	9	Pizza	Breakfast
2	Lauren White	4	Pizza	Breakfast
3	Tyler Miller	9	Pizza	Breakfast
4	Nicholas Mack	3	Pizza	Breakfast
5	Kurt Anderson	4	Pizza	Breakfast

דוח ב מיני"פ בסנ"ת

שאלתה זו מאחזרת תלמידים שיוצאים לטיול בתאריך נבחר

```
SELECT s.Student_Name, s.Grade, t.trip_topic, t.locations, t.trip_date
FROM Student_s
JOIN Going g ON s.Student_id = g.Student_id
JOIN Trips t ON g.Trip_maneger_id = t.Trip_maneger_id
WHERE t.Trip_date = &<name="trip_date" type="date" hint="Enter the date of the
trip (YYYY-MM-DD)">;
```

The screenshot shows a database query tool interface. The top section contains a SQL query with comments:
--This query retrieves students who are going on a trip on a specific date
SELECT s.Student_Name, s.Grade, t.trip_topic, t.locations, t.trip_date
FROM Student_s
JOIN Going g ON s.Student_id = g.Student_id
JOIN Trips t ON g.Trip_maneger_id = t.Trip_maneger_id
WHERE t.Trip_date = &<name="trip_date" type="date" hint="Enter the date of the trip (YYYY-MM-DD)">;
--This query retrieves information about activities between
Below the query is a toolbar with various icons. The main area displays a table with 6 columns: STUDENT_NAME, GRADE, TRIP_TOPIC, LOCATIONS, and TRIP_DATE. The table contains 5 rows of data. To the right of the table is a 'Variables' panel with a table of Name and Value. The 'trip_date' variable is highlighted with a blue selection bar and has the value '25/10/2023'. Below the variables panel is a text input field with the placeholder 'Enter the date of the trip (YYYY-MM-DD)'.

	STUDENT_NAME	GRADE	TRIP_TOPIC	LOCATIONS	TRIP_DATE
1	Carmen Hall	7	Sports	Kathrynport	25/10/2023
2	David Bowers	7	Sports	Kathrynport	25/10/2023
3	Jennifer Combs	5	Nature	South Leroy	25/10/2023
4	Kirk Wright	5	Nature	South Leroy	25/10/2023
5	Krista Arroyo	5	Nature	South Leroy	25/10/2023

Name	Value
meal_type	Breakfast
meal_name	Pizza
trip_date	25/10/2023
grade	5
start_activity_date	25/01/2023
finish_activity_date	25/06/2023
transportation_id	55

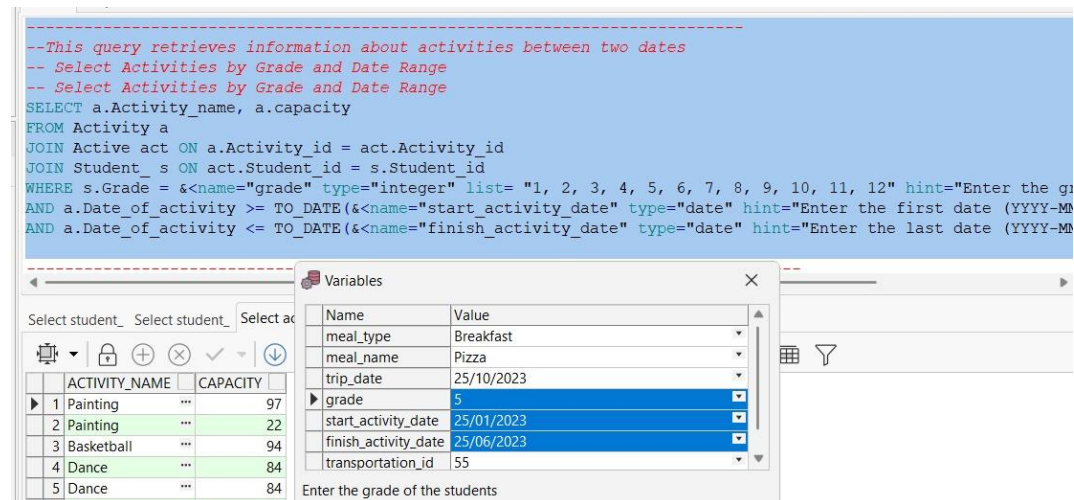
Enter the date of the trip (YYYY-MM-DD)

שאלתה זו מאחזרת מידע על פעילויות בין שני תאריכים נבחרים לכיתה מסוימת שבחרים

```
SELECT a.Activity_name, a.capacity
FROM Activity a
JOIN Active act ON a.Activity_id = act.Activity_id
JOIN Student_s ON act.Student_id = s.Student_id
WHERE s.Grade = &<name="grade" type="integer" list="1, 2, 3, 4, 5, 6, 7, 8, 9, 10,
11, 12" hint="Enter the grade of the students">
AND a.Date_of_activity >= TO_DATE(&<name="start_activity_date" type="date"
hint="Enter the first date (YYYY-MM-DD)">)
AND a.Date_of_activity <= TO_DATE(&<name="finish_activity_date" type="date"
hint="Enter the last date (YYYY-MM-DD)">);
```

דוח ב מיני"פ בסנ"ת

```
--This query retrieves information about activities between two dates
-- Select Activities by Grade and Date Range
-- Select Activities by Grade and Date Range
SELECT a.Activity_name, a.capacity
FROM Activity a
JOIN Active act ON a.Activity_id = act.Activity_id
JOIN Student_s ON act.Student_id = s.Student_id
WHERE s.Grade = &<name="grade" type="integer" list= "1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12" hint="Enter the grade of the students">
AND a.Date_of_activity >= TO_DATE(&<name="start_activity_date" type="date" hint="Enter the first date (YYYY-MM-DD)">
AND a.Date_of_activity <= TO_DATE(&<name="finish_activity_date" type="date" hint="Enter the last date (YYYY-MM-DD)">
```



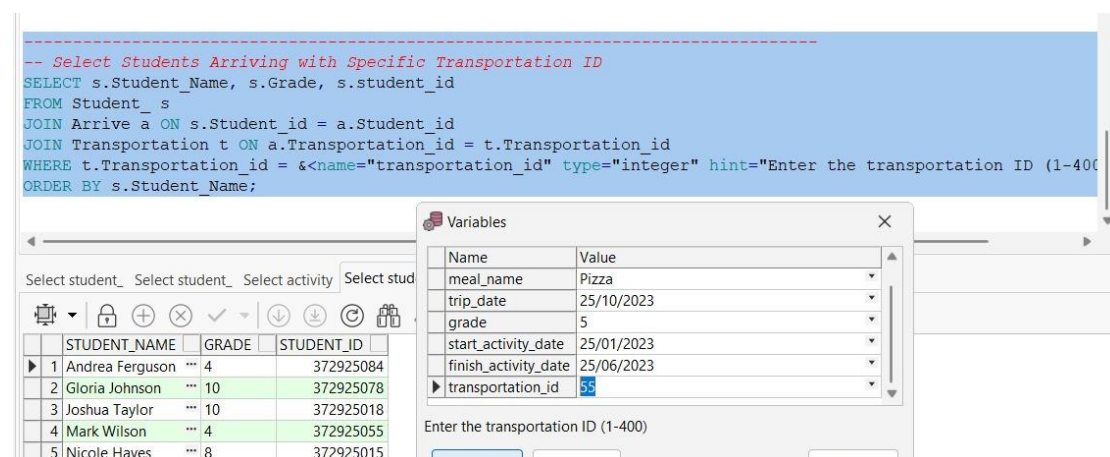
ACTIVITY_NAME	CAPACITY
1 Painting	97
2 Painting	22
3 Basketball	94
4 Dance	84
5 Dance	84

Name	Value
meal_type	Breakfast
meal_name	Pizza
trip_date	25/10/2023
grade	5
start_activity_date	25/01/2023
finish_activity_date	25/06/2023
transportation_id	55

קבלת תלמידים המגיעים עם קו תחבורה ספציפי

```
SELECT s.Student_Name, s.Grade, s.student_id
FROM Student_s
JOIN Arrive a ON s.Student_id = a.Student_id
JOIN Transportation t ON a.Transportation_id = t.Transportation_id
WHERE t.Transportation_id = &<name="transportation_id" type="integer" hint="Enter the transportation ID" <(1-400)
ORDER BY s.Student_Name;
```

```
-- Select Students Arriving with Specific Transportation ID
SELECT s.Student_Name, s.Grade, s.student_id
FROM Student_s
JOIN Arrive a ON s.Student_id = a.Student_id
JOIN Transportation t ON a.Transportation_id = t.Transportation_id
WHERE t.Transportation_id = &<name="transportation_id" type="integer" hint="Enter the transportation ID (1-400)
ORDER BY s.Student_Name;
```



STUDENT_NAME	GRADE	STUDENT_ID
1 Andrea Ferguson	4	372925084
2 Gloria Johnson	10	372925078
3 Joshua Taylor	10	372925018
4 Mark Wilson	4	372925055
5 Nicole Hayes	8	372925015

Name	Value
meal_name	Pizza
trip_date	25/10/2023
grade	5
start_activity_date	25/01/2023
finish_activity_date	25/06/2023
transportation_id	55

דוח ב מיני"פ בסנ"ת

שאלות select בלי פרמטרים

אחזר את שמות התלמידים, הציון שלהם והפעילויות בהן הם משתתפים במהלך אוקטובר 2023, כולל תאריך הפעילות. שאלתה זו משתמשת בשאלות משנה ובשאלות מקוננות

```
SELECT
    S.Student_Name,
    S.Grade,
    (SELECT A.Activity_name
     FROM Activity A
     WHERE A.Activity_id = AC.Activity_id) AS Activity_name,
    (SELECT A.Date_of_activity
     FROM Activity A
     WHERE A.Activity_id = AC.Activity_id) AS Date_of_activity
FROM
    Student_S
INNER JOIN
    Active AC ON S.Student_id = AC.Student_id
WHERE
    EXISTS (SELECT 1
            FROM Activity A
            WHERE A.Activity_id = AC.Activity_id
            AND EXTRACT(YEAR FROM A.Date_of_activity) = 2023
            AND EXTRACT(MONTH FROM A.Date_of_activity) = 10)
ORDER BY
    Date_of_activity;
```

דוח ב מיני"פ בסנ"ת

```
--Description: Retrieve student names, their grade, and the activities they are participating in during
--the 10 month in 2023, including the activity date. This query uses subqueries and nested queries.
SELECT
    S.Student_Name,
    S.Grade,
    (SELECT A.Activity_name
     FROM Activity A
     WHERE A.Activity_id = AC.Activity_id) AS Activity_name,
    (SELECT A.Date_of_activity
     FROM Activity A
     WHERE A.Activity_id = AC.Activity_id) AS Date_of_activity
FROM
    Student_ S
INNER JOIN
    Active AC ON S.Student_id = AC.Student_id
WHERE
    EXISTS (SELECT 1
            FROM Activity A
            WHERE A.Activity_id = AC.Activity_id
              AND EXTRACT(YEAR FROM A.Date_of_activity) = 2023
              AND EXTRACT(MONTH FROM A.Date_of_activity) = 10)
ORDER BY
```

Select activity

Select student_

Select student_

Select transportation

</

קבלת היועצים לפי סדר יורד של מספר התלמידים שהוקצו להם , כולל שם היועץ,
אימייל, רמת תואר וספירת התלמידים. ולארגן אותם יורדים.

SELECT

C.Counselor_name,

C.DEGREE_LEVEL,

C.Counselor_email,

(

SELECT

COUNT (*)

FROM

Student _

WHERE

Counselor_id = C.Counselor_id

) AS Student_Count

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FROM

Counselor C

ORDER BY

Student_Count DESC;

```
--Description: Find the counselors who has the most students assigned, including the counselor's name,
--email,degree level, and the count of students. and organize them descending.
SELECT
  C.Counselor_name,
  C.DEGREE_LEVEL,
  C.Counselor_email,
  (
    SELECT
      COUNT(*)
    FROM
      Student_
    WHERE
      Counselor_id = C.Counselor_id
  ) AS Student_Count
FROM
  Counselor C
ORDER BY
  Student_Count DESC;
```

--List students who participated in activities on their birthdays:

Select activity | Select student_ | Select student_ | Select transportation

	COUNSELOR_NAME	DEGREE_LEVEL	COUNSELOR_EMAIL	STUDENT_COUNT
1	Douglas Harris	MA	bryan12@example.com	55
2	Caitlyn Lee	MA	wrightamanda@example.org	5
3	Larry Murphy	Doctor	brendawallace@example.net	5
4	Gregory Moran	MA	qwilliams@example.com	4
5	Dr. Matthew Smith	BA	anthony32@example.org	4

1 of 5 | ori@XE AS SYSDBA | [19:48:23] 5 rows selected in 0.117 seconds (more...)

קבלת תלמידים שהשתתפו בפעילויות בימי הולדתם

SELECT

s.Student_Name,

a.Activity_name,

a.Date_of_activity,

s.grade

FROM

Student_s

JOIN

Active act ON s.Student_id = act.Student_id

דוח ב מיני"פ בסנ"ת

JOIN

Activity a ON act.Activity_id = a.Activity_id

WHERE

EXTRACT(MONTH FROM s.Birth) = EXTRACT(MONTH FROM a.Date_of_activity)

AND EXTRACT(DAY FROM s.Birth) = EXTRACT(DAY FROM a.Date_of_activity)

ORDER BY

s.student_id;

```
--List students who participated in activities on their birthdays:
SELECT
    s.Student_Name,
    a.Activity_name,
    a.Date_of_activity,
    s.grade
FROM
    Student_ s
JOIN
    Active act ON s.Student_id = act.Student_id
JOIN
    Activity a ON act.Activity_id = a.Activity_id
WHERE
    EXTRACT(MONTH FROM s.Birth) = EXTRACT(MONTH FROM a.Date_of_activity)
    AND EXTRACT(DAY FROM s.Birth) = EXTRACT(DAY FROM a.Date_of_activity)
ORDER BY
    s.student_id;
```

Select activity Select student_ Select student_ Select transportation

	STUDENT_NAME	ACTIVITY_NAME	DATE_OF_ACTIVITY	GRADE
1	Megan Jackson	Dance	03/01/2023	12
2	Roberta Ball	Robotics	29/03/2023	12
3	Donna Smith	Swimming	07/01/2023	7
4	Andrea Herrera	Football	31/08/2023	11
5	Jordan Porter	Basketball	08/09/2023	9

000 1 of 5 ori@XE AS SYSDBA [19:48:24] 5 rows selected in 0.044 seconds

שאלתה זו מוצאת את ההסעה שרשומים אליה הכי הרבה תלמידים ומחזירה את פרטי התלמידים

-נרשם להסעה, יחד עם שם הנהג והתאריך:

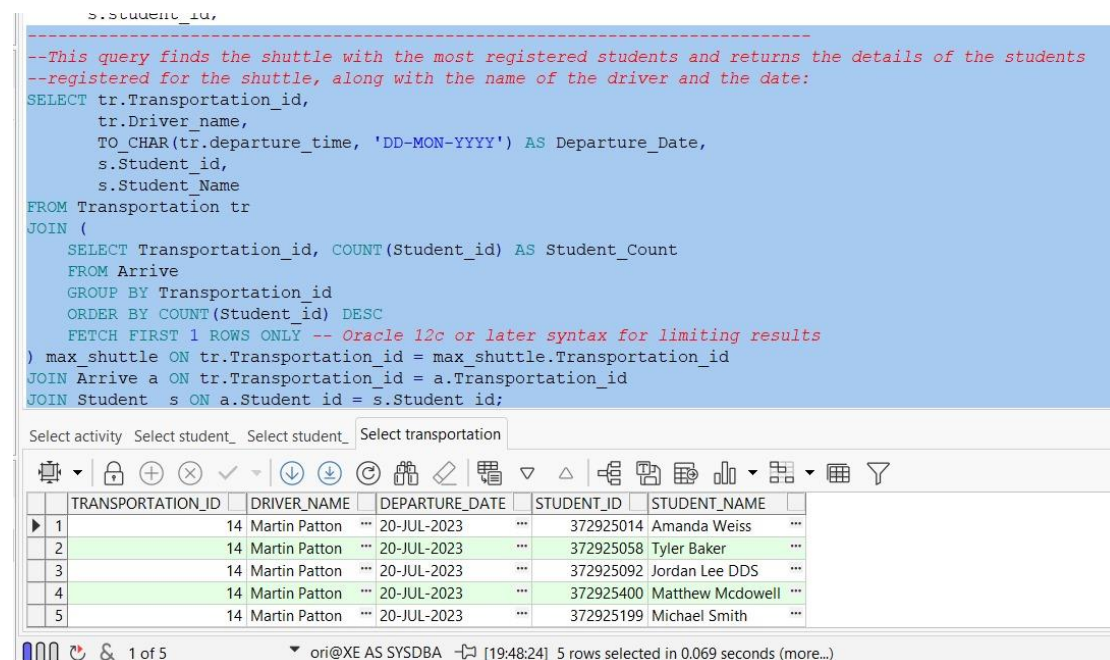
SELECT tr.Transportation_id,

tr.Driver_name,

TO_CHAR(tr.departure_time, 'DD-MON-YYYY') AS Departure_Date,

דוח ב מיני"פ בסנ"ת

```
s.Student_id,  
  
s.Student_Name  
  
FROM Transportation tr  
  
JOIN(  
  
    SELECT Transportation_id, COUNT(Student_id) AS Student_Count  
  
    FROM Arrive  
  
    GROUP BY Transportation_id  
  
    ORDER BY COUNT(Student_id) DESC  
  
    FETCH FIRST 1 ROWS ONLY -- Oracle 12c or later syntax for limiting results  
)  
max_shuttle ON tr.Transportation_id = max_shuttle.Transportation_id  
  
JOIN Arrive a ON tr.Transportation_id = a.Transportation_id  
  
JOIN Student s ON a.Student_id = s.Student_id;
```



```
--This query finds the shuttle with the most registered students and returns the details of the students  
--registered for the shuttle, along with the name of the driver and the date:  
SELECT tr.Transportation_id,  
       tr.Driver_name,  
       TO_CHAR(tr.departure_time, 'DD-MON-YYYY') AS Departure_Date,  
       s.Student_id,  
       s.Student_Name  
FROM Transportation tr  
JOIN (  
    SELECT Transportation_id, COUNT(Student_id) AS Student_Count  
    FROM Arrive  
    GROUP BY Transportation_id  
    ORDER BY COUNT(Student_id) DESC  
    FETCH FIRST 1 ROWS ONLY -- Oracle 12c or later syntax for limiting results  
)  
max_shuttle ON tr.Transportation_id = max_shuttle.Transportation_id  
JOIN Arrive a ON tr.Transportation_id = a.Transportation_id  
JOIN Student s ON a.Student_id = s.Student_id;
```

	TRANSPORTATION_ID	DRIVER_NAME	DEPARTURE_DATE	STUDENT_ID	STUDENT_NAME
1	14	Martin Patton	20-JUL-2023	372925014	Amanda Weiss
2	14	Martin Patton	20-JUL-2023	372925058	Tyler Baker
3	14	Martin Patton	20-JUL-2023	372925092	Jordan Lee DDS
4	14	Martin Patton	20-JUL-2023	372925400	Matthew Mcdowell
5	14	Martin Patton	20-JUL-2023	372925199	Michael Smith

1 of 5 ori@XE AS SYSDBA [19:48:24] 5 rows selected in 0.069 seconds (more...)

דוח ב מיני"פ בסנ"ת

שאלות update

עדכן את הארוחה לפיצה ושהיא חלבית לתלמידי כיתה ב'

UPDATE Meals

SET Meal_name = 'pizza', Is_Dairy = 'Yes'

WHERE Meal_id IN

(

SELECT Meal_id

FROM Eater

WHERE Student_id IN

(

SELECT Student_id

FROM Student_

WHERE Grade = 2

)

);

insertTables.sql dropTables.sql createTables.sql random.sql UpdateQueries

SQL Output Statistics

Select * from Meals

אחרי

	MEAL_ID	TYPE_MEAL	IS_DAIRY	MEAL_NAME
	244	Breakfast	Yes	Tacos
	245	Lunch	No	Pizza
	246	Dinner	No	Sandwich
	247	Lunch	No	Soup
	248	Breakfast	Yes	pizza
	249	Breakfast	Yes	Spaghetti
	250	Breakfast	Yes	pizza

insertTables.sql dropTables.sql createTables.sql

SQL Output Statistics

Select * from Meals

לפני

	MEAL_ID	TYPE_MEAL	IS_DAIRY	MEAL_NAME
	244	Breakfast	Yes	Tacos
	245	Lunch	No	Pizza
	246	Dinner	No	Sandwich
	247	Lunch	No	Soup
	248	Breakfast	No	Tacos
	249	Breakfast	Yes	Spaghetti

דוח ב מיני"פ בסנ"ת

שאלתה זו מעדכנת את זמן היציאה לשירות הסעות לתלמיד ספציפי.

UPDATE Transportation

SET departure_time = TO_DATE('2024-07-15', 'YYYY-MM-DD')

WHERE Transportation_id =

(

SELECT Transportation_id

FROM Arrive

WHERE Student_id = 372925107

);

לפני

	TRANSPORTATION_ID	DEPARTURE_TIME	DRIVER_NAME	IN_TIME
100	100	18/02/2023	Kristen Ford	YES
101	101	13/01/2023	Christian Henderson	NO
102	102	12/02/2023	Shelby Hutchinson	YES
103	103	11/11/2023	Kimberly Rogers	NO
104	104	07/08/2023	Ashley Mann	NO
105	105	06/11/2023	Bryan Mayer	NO
106	106	04/02/2023	Danny Moon	NO
107	107	07/06/2023	Ashley Swanson	YES

אחרי

	TRANSPORTATION_ID	DEPARTURE_TIME	DRIVER_NAME	IN_TIME
3	103	11/11/2023	Kimberly Rogers	NO
4	104	07/08/2023	Ashley Mann	NO
5	105	06/11/2023	Bryan Mayer	NO
6	106	04/02/2023	Danny Moon	NO
	107	15/07/2024	Ashley Swanson	YES

דוח ב מיני"פ בסנ"ת

שאלות delete

הסר ארוחות שלא נצרכו על ידי סטודנטים

DELETE FROM Meals

WHERE Meal_id IN

(

SELECT Meal_id

FROM Meals

WHERE Meal_id NOT IN

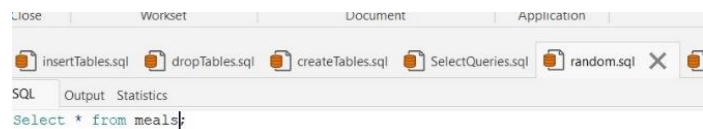
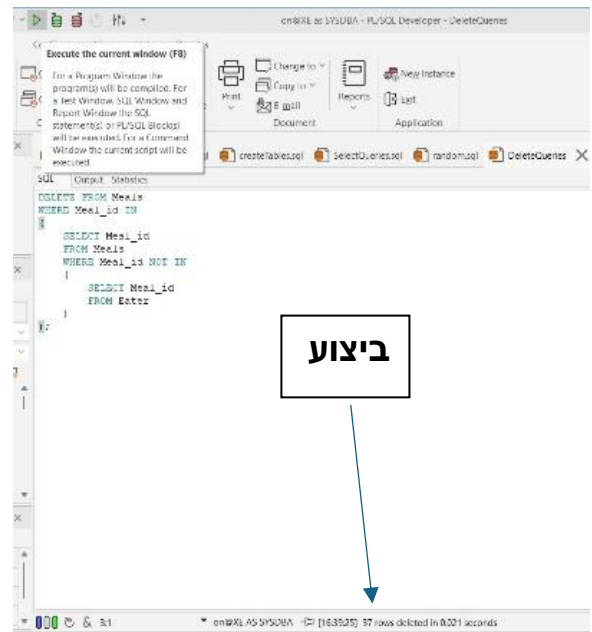
(

SELECT Meal_id

FROM Eater

)

);



The screenshot shows the PL/SQL Developer interface. The SQL window contains the command: "Select * from meals;". The Output window shows the result of the DELETE statement, displaying a table with 437 rows selected in 0.313 seconds.

MEAL_ID	TYPE_MEAL	IS_DAIRY	MEAL_NAME
398	Breakfast	Yes	Soup
399	Breakfast	Yes	Pasta
400	Breakfast	No	Pizza
401	Dinner	Yes	Hamburger
402	Lunch	Yes	Hamburger
403	Dinner	Yes	Salad
404	Breakfast	No	Sushi
405	Dinner	No	Pizza
406	Breakfast	Yes	Spaghetti
407	Dinner	No	Steak
408	Breakfast	Yes	Tacos
409	Lunch	No	Hamburger
410	Lunch	No	Salad
411	Lunch	Yes	Spaghetti
412	Breakfast	Yes	Soup
413	Dinner	Yes	Steak

A blue arrow points from the word "אחרי" (After) in a box to the table.

The screenshot shows the PL/SQL Developer interface. The SQL window contains the command: "Select * from meals;". The Output window shows the result of the DELETE statement, displaying a table with 400 rows selected in 0.259 seconds.

MEAL_ID	TYPE_MEAL	IS_DAIRY	MEAL_NAME
1	Lunch	No	Steak
2	Dinner	No	Sandwich
3	Lunch	No	Sandwich
4	Lunch	Yes	Pizza
5	Breakfast	Yes	Sandwich
6	Lunch	No	Pasta
7	Breakfast	No	Sandwich
8	Lunch	No	Pizza
9	Breakfast	No	Hamburger
10	Breakfast	Yes	Pasta
11	Breakfast	No	Soup
12	Lunch	Yes	Sushi
13	Lunch	No	Salad
14	Dinner	Yes	Pasta
15	Lunch	Yes	Soup
16	Breakfast	Yes	Spaghetti
17	Lunch	Yes	Steak

A blue arrow points from the word "לפני" (Before) in a box to the table.

דוח ב מיני"פ בסנ"ת

שאלתה למחיקת יועצים שאין להם סטודנטים משויכים

DELETE FROM Counselor

WHERE Counselor_id NOT IN

(

SELECT DISTINCT Counselor_id

FROM Student_

);

SQL Output Statistics
Select * from Counselor

לפני

COUNSELOR_ID	COUNSELOR_NAME	DEGREE_LEVEL	COUNSELOR_AGE	COUNSELOR_EMAIL
189	254839389 David Roties	BA	55	anthonyedwards@example.org
790	254839390 Amanda Griffin	Doctor	46	pietactaworri@example.org
791	254839391 Michael Gomez	MA	27	mnosavro@example.net
792	254839392 Jennifer Martinez	BA	35	angelaf9@example.net
793	254839393 Kevin Smith	Doctor	51	davidhyam@example.net
794	254839394 Keith Cooper	BA	25	mdavia@example.org
795	254839395 Dawn Moran	MA	43	bhc@example.org
796	254839396 William Sims	Doctor	34	walbesert@example.com
797	254839397 John Mason	BA	35	marcyotino@example.net
798	254839398 Matthew Cruz II	MA	32	seth60@example.org
799	254839399 Brian King	MA	62	davidgarrett@example.net
800	254839400 Eric Carter	Doctor	58	jennifermorris@example.com
801	254839784 Katrina Fuller	Doctor	28	jjohnson@example.org
802	254838692 Rebecca Schultz	Doctor	46	michaelsmith@example.org
803	254839283 Christopher Coleman	Doctor	50	beverysanders@example.com
804	266693254 Douglas Harris	MA	27	laryen3@example.com

ori@XE AS SYSDBA [17:19:01] 804 rows selected in 0.534 seconds

InsertTables.sql dropTables.sql createTables.sql SelectQueries.sql random.sql DeleteQueries

SQL Output Statistics
Select * from Counselor

אחרי

COUNSELOR_ID	COUNSELOR_NAME	DEGREE_LEVEL	COUNSELOR_AGE	COUNSELOR_EMAIL
1	Sarah Edwards	Doctor	58	sarahspence@example.org
2	Dr. Kathryn Carlson	MA	54	kayleenorton@example.net
3	4 Jeffrey McKinney	MA	62	zsims@example.org
4	5 Katie Reese	MA	38	zstone@example.com
5	8 Leslie Vega MD	Doctor	28	andrew22@example.org
6	9 Rachel Robinson	BA	62	sherijohnson@example.net
7	11 Melinda Murphy	MA	62	morgantarily@example.net
8	12 Cristian Murphy	BA	58	klenholly@example.net
9	13 Alyssa Dean	Doctor	28	stephanie05@example.com
10	16 William Orozco	BA	65	romancrystal@example.com
11	18 Eric Wilson	MA	26	karen44@example.net
12	22 Samantha Jacobs	BA	38	kayalee@example.net
13	23 Matthew Flores	BA	65	kyahson@example.org
14	25 Wendy Hayden	BA	62	phillipsusan@example.org
15	26 Corey Evans	Doctor	58	halenathan@example.org
16	27 Timothy Mejia	BA	44	alexanderkaren@example.net
17	28 Christine Miller	BA	60	edwinamsey@example.net

ori@XE AS SYSDBA [17:20:34] 658 rows selected in 0.607 seconds

שאלתות לאילוצים

אילוץ זה מבטיח שהעמודה Name_ לא יכולה להכיל ערכי NULL.

ALTER TABLE Meals

MODIFY (Is_dairy NOT NULL);

INSERT INTO Meals (Meal_id, Type_meal, Is_Dairy, Meal_name) VALUES (13, 'Dinner', null, 'Sushi');

Error

ORA-01400: cannot insert NULL into ("SYS"."MEALS"."IS_DAIRY")

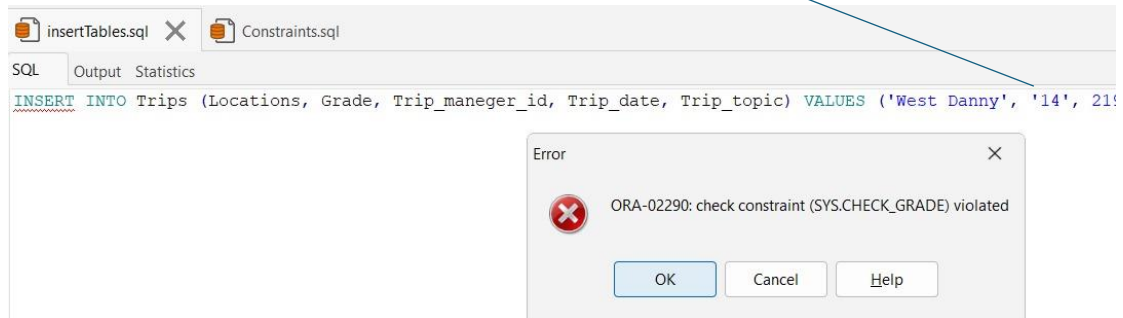
OK Cancel Help

דוח ב מיני"פ בסנ"ת

אילוץ זה מבטיח שהכיתה שניתנת לטיול הוא אחד מהערכים המוגדרים מראש

ALTER TABLE Trips

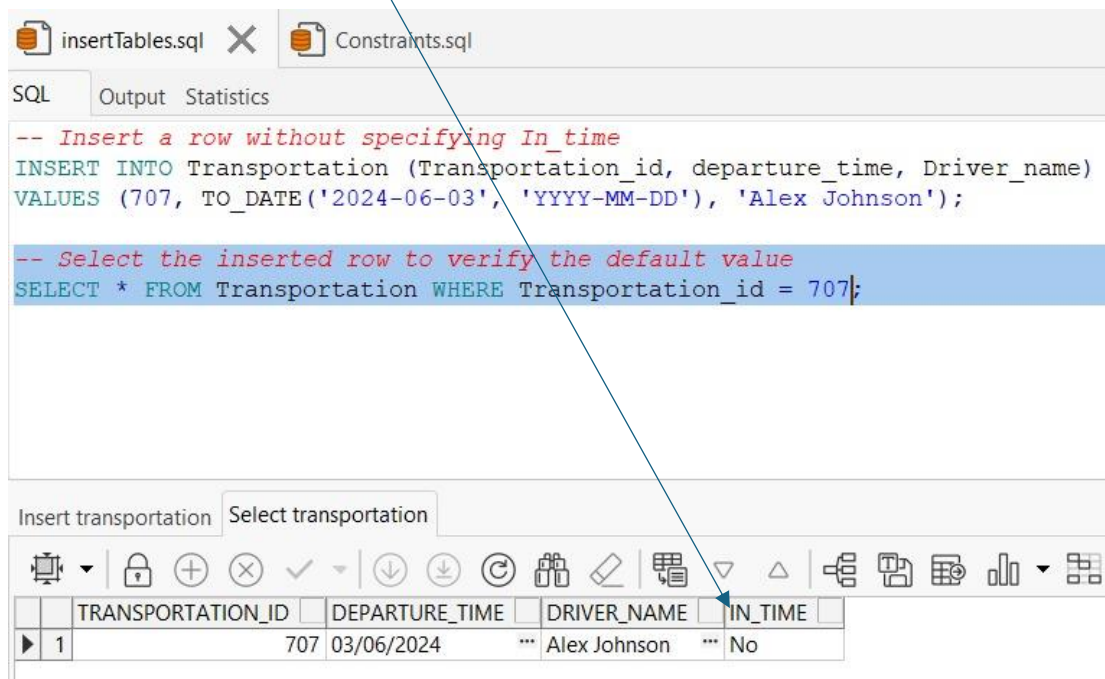
ADD CONSTRAINT check_grade CHECK (Grade BETWEEN 1 AND 12);



אילוץ זה מגדיר ערך ברירת מחדל של 'No' עבור העמודה In_time.

ALTER TABLE Transportation

MODIFY (In_time DEFAULT 'No');



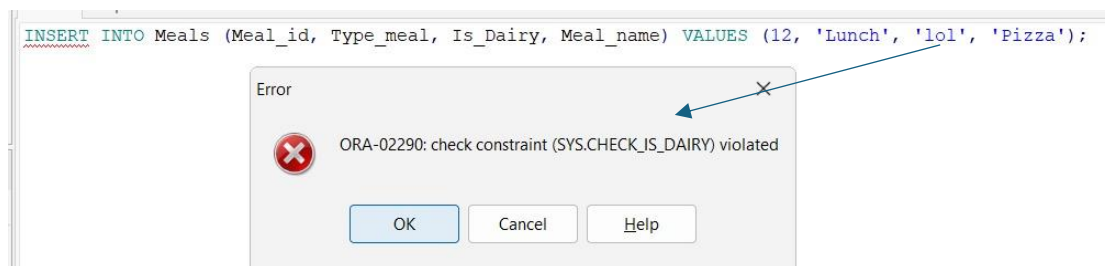
דוח ב מיני"פ בסנ"ת

אילוץ זה מבטיח שהמוצר החלבי שצוין לארוחה הוא אחד מהערכים המוגדרים מראש

Yes או No

ALTER TABLE Meals

ADD CONSTRAINT check_is_dairy CHECK (Is_Dairy IN ('Yes', 'No'));



אילוץ זה מבטיח שהקיבולת המקסימלית היא 100

ALTER TABLE Activity

ADD CONSTRAINT maximum_capacity CHECK (capacity <= 100);

