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BRANCH: BTECH IT (A)

BATCH: 2



SUBMITTED TO:

DR. KHANDAKAR F. RAHMAN

SUBJECT: DBMS LAB

SUBJECT CODE: CS212L

TOTAL PAGES SUBMITTED: 5

ASSIGNMENT – 3

ON: DATA CONTROL – DCL

Q9. Make the data additions permanent.

Ans9.

COMMIT;

Update and delete data in the MY_EMPLOYEE table.

Q10. Change the last name of employee 3 to Drexler.

Ans10.

UPDATE MY_EMPLOYEE

SET LAST_NAME='Drexler'

WHERE ID=3;

Q11. Change the salary to 1000 for all employees with a salary less than 900.

Ans11.

UPDATE MY_EMPLOYEE

SET SALARY=1000

WHERE SALARY<900;

Q12. Verify your changes to the table.

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	rpatel	1000
2	Dancs	Betty	bdancs	1000
3	Drexler	Ben	bbiri	1100
4	Newman	Chad	cnewman	1000

Ans12.

SELECT * FROM MY_EMPLOYEE;

Verification table -

Work Screen

File or URL: No file chosen

Enter statements:

SELECT * FROM MY_EMPLOYEE;

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	rpatel	1000
2	Dancs	Betty	bdancs	1000
3	Drexler	Ben	bbiri	1100
4	Newman	Chad	cnewman	1000

Q13. Delete Betty Dancs from the MY_EMPLOYEE table.

Ans13.

DELETE FROM MY_EMPLOYEE

WHERE LAST_NAME='Dancs';

Q14. Confirm your changes to the table.

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	rpatel	1000
3	Drexler	Ben	bbiri	1100
4	Newman	Chad	cnewman	1000

Ans14.

SELECT * FROM MY_EMPLOYEE;

Verification table -

Work Screen

File or URL: No file chosen

Enter statements:

SELECT * FROM MY_EMPLOYEE;

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	rpatel	1000
3	Drexler	Ben	bbiri	1100
4	Newman	Chad	cnewman	1000

Q15. Commit all pending changes.

Ans15.

COMMIT;

Control data transaction to the MY_EMPLOYEE table.

Q16. Populate the table with the last row of sample data by modifying the statements in the script that you created in step 6. Run the statements in the script.

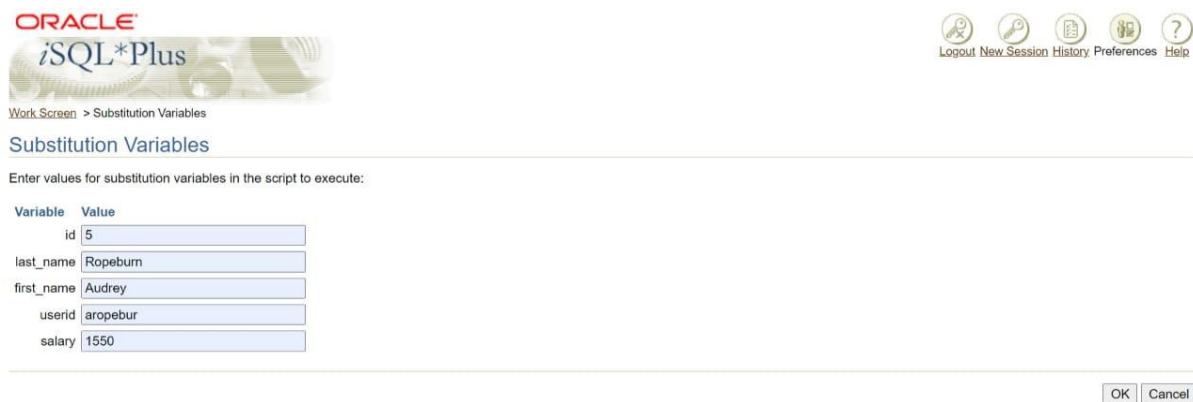
Ans16.

INSERT INTO MY_EMPLOYEE

(ID, LAST_NAME, FIRST_NAME, USERID, SALARY)

VALUES (&ID, '&LAST_NAME', '&FIRST_NAME', '&USERID', &SALARY);

Verification table -



The screenshot shows the Oracle iSQL*Plus interface. At the top, there's a navigation bar with icons for Logout, New Session, History, Preferences, and Help. Below the navigation bar, the title "Substitution Variables" is displayed. A message says "Enter values for substitution variables in the script to execute:". Below this, there's a table with two columns: "Variable" and "Value". The table contains five rows: "id" with value "5", "last_name" with value "Ropeburn", "first_name" with value "Audrey", "userid" with value "aropebur", and "salary" with value "1550". At the bottom right, there are "OK" and "Cancel" buttons.

Variable	Value
id	5
last_name	Ropeburn
first_name	Audrey
userid	aropebur
salary	1550

Q17. Confirm your addition to the table.

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	rpatel	1000
3	Drexler	Ben	bbiri	1100
4	Newman	Chad	cnewman	1000
5	Ropeburn	Audrey	aropebur	1550

Ans17.

SELECT * FROM MY_EMPLOYEE;

Verification table -

Work Screen

File or URL: No file chosen

Enter statements:

SELECT * FROM MY_EMPLOYEE;

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	rpatel	1000
3	Drexler	Ben	bbiri	1100
4	Newman	Chad	cnewman	1000
5	Ropeburn	Audrey	aropebur	1550

Q18. Mark an intermediate point in the processing of the transaction.

Ans18.

SAVEPOINT STEP17;

Q19. Empty the entire table.

Ans19.

DELETE FROM MY_EMPLOYEE;

Q20. Confirm that the table is empty.

Ans20.

SELECT * FROM MY_EMPLOYEE;

Verification table -

Work Screen

File or URL: No file chosen

Enter statements:

SELECT * FROM MY_EMPLOYEE;

no rows selected

Q21. Discard the most recent DELETE operation without discarding the earlier INSERT operation.

Ans21.

ROLLBACK TO STEP17;

Q22. Confirm that the new row is still intact.

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	rpatel	1000
3	Drexler	Ben	bbiri	1100
4	Newman	Chad	cnewman	1000
5	Ropeburn	Audrey	aropebur	1550

Ans22.

SELECT * FROM MY_EMPLOYEE;

Verification table -



Work Screen
File or URL: No file chosen

Enter statements:

```
SELECT * FROM MY_EMPLOYEE;
```

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	rpatel	1000
3	Drexler	Ben	bbiri	1100
4	Newman	Chad	cnewman	1000
5	Ropeburn	Audrey	aropebur	1550

Q23. Make the data addition permanent.

Ans23.

COMMIT;