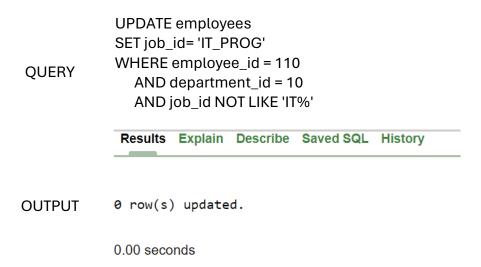
Lab - 7

SQL query based on DML

1. Change salary of employee 115 to 8000 if the existing salary is less than 6000.



2. Change job ID of employee 110 to IT_PROG if the employee belongs to department 10 and the existing job ID does not start with IT.



3. Insert a row into departments table with manager ID 120 and location ID in any location ID for city Tokyo.

INSERT INTO departments (department_id, department_name, manager_id, location_id)

QUERY

VALUES (125, 'New',120,(
SELECT location_id
FROM locations
WHERE city = 'Tokyo')

Nikhil Vishwakarma – 0187AS221032

);

Results	Explain	Describe	Saved SQL	History
_				

OUTPUT

1 row(s) inserted.

0.02 seconds

DEPARTMENT_ID	DEPARTMENT_NAME	MANAGER_ID	LOCATION_ID
125	New	120	1200
10	Administration	200	1700
20	Marketing	201	1800
30	Purchasing	114	1700

4. Insert a new employee into employees with all the required details.

INSERT INTO employees (employee_id, first_name, last_name, email, phone_number, hire_date, job_id, salary, manager_id, department_id)

QUERY

VALUES (332, 'Ravi', 'Shukla', 'agoda', '516.027.2962', '16-APR-24', 'PU_CLERK', 10000, 114, 30)

1 row(s) inserted.

OUTPUT

0.03 seconds

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
332	Ravi	Shukla	agoda	516.027.2962	16-APR-24	PU_CLERK	10000	•	114	30
100	Steven	King	SKING	515.123.4567	17-JUN-87	AD_PRES	24000			90
101	Neena	Kochhar	NKOCHHAR	515.123.4568	21-SEP-89	AD_VP	17000		100	90
102	Lex	De Haan	LDEHAAN	515.123.4569	13-JAN-93	AD_VP	17000		100	90
103	Alexander	Hunold	AHUNOLD	590.423.4567	03-JAN-90	IT_PROG	9000		102	60
104	Bruce	Ernst	BERNST	590.423.4568	21-MAY-91	IT_PROG	6000		103	60
105	David	Austin	DAUSTIN	590.423.4569	25-JUN-97	IT_PROG	4800		103	60
106	Valli	Pataballa	VPATABAL	590.423.4560	05-FEB-98	IT_PROG	4800		103	60
407	n:		01.005177	500 400 5507	07 555 00	IT 0000	****		400	00

5. Delete department 20.

DELETE FROM departments QUERY WHERE department_id = 20

ORA-02292: integrity constraint (HR.EMP_DEPT_FK) violated - child record found

OUTPUT