Bismillahhir Rahmanir Rahim

আন্তর্জাতিক ইসলামী বিশ্ববিদ্যালয় চট্টগ্রাম

الجامعة الإسلامية العالمية شيتاغونغ

International Islamic University Chittagong

Assignment

Assignment No. – 02

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1. **Because of budget issues, the HR department needs a report that displays the last name and salary of employees earning more than $12,000. Place your SQL statement in a text file named lab_02_01.sql. Run your query.**

LAST_NAME	SALARY
King	24000
Kochhar	17000
De Haan	17000
Russell	14000
Partners	13500
Hartstein	13000

6 rows returned

2. **Create a report that displays the last name and department number for employee number 176.**

LAST_NAME	DEPARTMENT_ID
Taylor	80

1 rows returned

3. **The HR departments needs to find high-salary and low-salary employees. Modify lab_02_01.sql to display the last name and salary for all employees whose salary is not in the range of $5,000 to $12,000. Place your SQL statement in a text file named lab_02_03.sql.**

LAST_NAME	SALARY
King	24000
Kochhar	17000
De Haan	17000
Austin	4800
Pataballa	4800
Lorentz	4200
Khoo	3100
Baida	2900
Tobias	2800
Himuro	2600
More than 10 rows available. Increase rows selector to view more rows.	

10 rows returned

4. **Create a report to display the last name, job ID, and start date for the employees with the last names of Matos and Taylor. Order the query in ascending order by start date.**

LAST_NAME	JOB_ID	HIRE_DATE
Taylor	SH_CLERK	24-JAN-98
Matos	ST_CLERK	15-MAR-98
Taylor	SA_REP	24-MAR-98

3 rows returned

5. **Display the last name and department number of all employees in departments 20 or 50 in ascending alphabetical order by name.**

LAST_NAME	DEPARTMENT_ID
Atkinson	50
Bell	50
Bissot	50
Bull	50
Cabrio	50
Chung	50
Davies	50
Dellinger	50
Dilly	50
Everett	50
More than 10 rows available. Increase rows selector to view more rows.	

10 rows returned

6. **Modify lab_02_03.sql to list the last name and salary of employees who earn between $5,000 and $12,000 and are in department 20 or 50. Label the columns Employee and Monthly Salary, respectively. Resave lab_02_03.sql as lab_02_06.sql. Run the statement in lab_02_06.sql.**

Employee	Monthly Salary
Weiss	8000
Fripp	8200
Kaufling	7900
Vollman	6500
Mourgos	5800
Fay	6000

6 rows returned

7. **The HR department needs a report that displays the last name and hire date for all employees who were hired in 1994.**

LAST_NAME	HIRE_DATE
Greenberg	17-AUG-94
Faviet	16-AUG-94
Raphaely	07-DEC-94
Mavris	07-JUN-94
Baer	07-JUN-94
Higgins	07-JUN-94
Gietz	07-JUN-94

7 rows returned

8. **Create a report to display the last name and job title of all employees who do not have a manager.**

LAST_NAME	JOB_ID
King	AD_PRES

1 rows returned

9. **Display the last name, salary, and commission for all employees who earn commissions. Sort data in descending order of salary and commissions.**

LAST_NAME	SALARY	COMMISSION_PCT
Russell	14000	.4
Partners	13500	.3
Errazuriz	12000	.3
Ozer	11500	.25
Cambrault	11000	.3
Abel	11000	.3
Vishney	10500	.25
Zlotkey	10500	.2
King	10000	.35
Tucker	10000	.3
More than 10 rows available. Increase rows selector to view more rows.		

10 rows returned

10. Members of the HR department want to have more flexibility with the queries that you are writing. They would like a report that displays the last name and salary of employees who earn more than an amount that the user specifies after a prompt. (You can use the query created in practice exercise 1 and modify it.) Save this query to a file named lab_02_10.sql.

Here, sal_amt= 10200

LAST_NAME	SALARY
King	24000
Kochhar	17000
De Haan	17000
Greenberg	12000
Raphaely	11000
Russell	14000
Partners	13500
Errazuriz	12000
Cambrault	11000
Zlotkey	10500
More than 10 rows available. Increase rows selector to view more rows.	

10 rows returned

11. The HR department wants to run reports based on a manager. Create a query that prompts the user for a manager ID and generates the employee ID, last name, salary, and department for that manager's employees. The HR department wants the ability to sort the report on a selected column. You can test the data with the following values:

manager ID = 103, sorted by employee last name
manager ID = 201, sorted by salary
manager ID = 124, sorted by employee ID

12. Display all employee last names in which the third letter of the name is a.

LAST_NAME
Grant
Grant
Whalen

3 rows returned

13. Display the last name of all employees who have both an a and an e in their last name.

LAST_NAME
Baer
Bates
Colmenares
Davies
De Haan
Faviet
Fleaur
Gates
Hartstein
Markle
More than 10 rows available. Increase rows selector to view more rows.

10 rows returned

14. Display the last name, job, and salary for all employees whose job is sales representative or stock clerk and whose salary is not equal to $2,500, $3,500, or $7,000.

LAST_NAME	JOB_ID	SALARY
Nayer	ST_CLERK	3200
Mikkilineni	ST_CLERK	2700
Landry	ST_CLERK	2400
Markle	ST_CLERK	2200
Bissot	ST_CLERK	3300
Atkinson	ST_CLERK	2800
Olson	ST_CLERK	2100
Mallin	ST_CLERK	3300
Rogers	ST_CLERK	2900
Gee	ST_CLERK	2400
More than 10 rows available. Increase rows selector to view more rows.		

10 rows returned

15. **Modify lab_02_06.sql to display the last name, salary, and commission for all employees whose commission amount is 20%. Resave lab_02_06.sql as lab_02_15.sql. Rerun the statement in lab_02_15.sql.**

Employee	Monthly Salary	COMMISSION_PCT
Zlotkey	10500	.2
Olsen	8000	.2
Cambrault	7500	.2
Bloom	10000	.2
Fox	9600	.2
Taylor	8600	.2
Livingston	8400	.2

7 rows returned

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