

## ASSIGNMENT 3

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BATCH – DXC-262-ANALYTICS-B12-AZURE

COMPANY – DXC

TECHNOLOGY EMPLOYEE DOMAIN –AZURE ANALYTICS

TRAINING UNDER – MANIPAL PRO LEARN

TRAINER NAME – MR. AJAY

KUMARDATE OF SUBMISSION – 1<sup>ST</sup> JUNE 2022

NO.OF CASES: 12

Case 21:

From the following table, write a SQL query to find those employees whose experience is more than 27 years. Return complete information about the employees.

Query:

SELECT \*

FROM GLOBETECHTB231

WHERE ((MONTHS\_BETWEEN(SYSDATE,HIRE\_DATE))/12)>27;

The screenshot shows the Live SQL interface with a SQL query and its results. The query is: `SELECT * FROM GLOBETECHTB231 WHERE ((MONTHS_BETWEEN(SYSDATE,HIRE_DATE))/12)>27;`. The results table contains 12 rows of employee data.

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEP_ID
68319	KAYLING	PRESIDENT	-	18-NOV-91	6000	-	1001
66928	BLAZE	MANAGER	68319	01-MAY-91	2750	-	3001
67832	CLARE	MANAGER	68319	09-JUN-91	2550	-	1001
65646	JONAS	MANAGER	68319	02-APR-91	2957	-	2001
69062	FRANK	ANALYST	65646	03-DEC-91	3100	-	2001
63679	SANDRINE	CLERK	69062	18-DEC-90	900	-	2001
64989	ADELIN	SALESMAN	66928	20-FEB-91	1700	400	3001
65271	HADE	SALESMAN	66928	22-FEB-91	1350	600	3001
66564	MAADDEN	SALESMAN	66928	28-SEP-91	1350	1500	3001
68454	TUCKER	SALESMAN	66928	08-SEP-91	1600	0	3001
69000	JULIUS	CLERK	66928	03-DEC-91	1050	-	3001
69324	HARKER	CLERK	67832	23-JAN-92	1400	-	1001

Download CSV  
12 rows selected.

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## Case 22:


From the following table, write a SQL query to find those employees whose salaries are less than 3500. Return complete information about the employees.

Query:

SELECT \*

FROM globetechtb231

WHERE salary <3500;

 Live SQL

Feedback Help mohansalikhitha@gmail.com

SQL Worksheet

Clear Find Actions Save Run

```
1 SELECT *
2 FROM globetechtb231
3 WHERE salary <3500;
```

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEP_ID
66928	BLAZE	MANAGER	68319	01-MAY-91	2750	-	3001
67832	CLARE	MANAGER	68319	09-JUN-91	2550	-	1001
65646	JONAS	MANAGER	68319	02-APR-91	2957	-	2001
67858	SCARLET	ANALYST	65646	19-APR-97	3100	-	2001
69062	FRANK	ANALYST	65646	03-DEC-91	3100	-	2001
63679	SANDRINE	CLERK	69062	18-DEC-90	900	-	2001
64989	ADELVIN	SALESMAN	66928	20-FEB-91	1700	400	3001
65271	WADE	SALESMAN	66928	22-FEB-91	1350	600	3001
66564	MADDEN	SALESMAN	66928	28-SEP-91	1350	1500	3001
68454	TUCKER	SALESMAN	66928	08-SEP-91	1000	0	3001
68736	ANDRES	CLERK	67858	23-MAY-97	1200	-	2001
69000	JULIUS	CLERK	66928	03-DEC-91	1850	-	3001
69324	HANKER	CLERK	67832	23-JAN-92	1400	-	1001

Download CSV  
13 rows selected.

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### Case 23:

From the following table, write a SQL query to find the employee whose designation is 'ANALYST'. Return employee name, job name and salary.

Query:

```
SELECT emp_name,  
       job_name,  
       salary  
FROM globetechtb231  
WHERE job_name = 'ANALYST';
```

The screenshot shows the Live SQL interface. At the top, there is a dark header bar with the 'Live SQL' logo on the left and links for 'Feedback', 'Help', and a user profile 'mohanalkhitha@gmail.com' on the right. Below the header, the 'SQL Worksheet' section contains a text area with the SQL query: 

```
1 SELECT emp_name,  
2       job_name,  
3       salary  
4 FROM globetechtb231  
5 WHERE job_name = 'ANALYST';
```

 To the right of the text area are buttons for 'Clear', 'Find', 'Actions', 'Save', and a green 'Run' button. Below the text area, the query results are displayed in a table with three columns: 'EMP\_NAME', 'JOB\_NAME', and 'SALARY'. The table contains two rows of data. Below the table, there is a 'Download CSV' link and the text '2 rows selected.' At the bottom of the interface, a footer bar contains copyright information: '© 2022 Oracle - Live SQL 22.1.3, running Oracle Database 19c Enterprise Edition - 19.14.0.0.0 - Database Documentation - Ask Tom - Dev Gym' and a note 'Built with ❤️ using Oracle APEX - Privacy - Terms of Use'.

EMP_NAME	JOB_NAME	SALARY
SCARLET	ANALYST	3100
FRANK	ANALYST	3100

Download CSV  
2 rows selected.

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## Case 24:


From the following table, write a SQL query to find those employees who have joined in the year 1991. Return complete information about the employees.

Query:

```
SELECT *
```

```
FROM globetechtb231
```

```
WHERE to_char(hire_date,'YYYY') = '1991';
```

 Live SQL

Feedback Help mohanalkitha@gmail.com

SQL Worksheet

Clear Find Actions Save Run

```
1 SELECT *
2 FROM globetechtb231
3 WHERE to_char(hire_date,'YYYY') = '1991';
```

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEP_ID
68319	KAYLING	PRESIDENT	-	18-NOV-91	6000	-	1001
66928	BLAZE	MANAGER	68319	01-MAY-91	2750	-	3001
67832	CLARE	MANAGER	68319	09-JUN-91	2550	-	1001
65646	JONAS	MANAGER	68319	02-APR-91	2957	-	2001
69062	FRANK	ANALYST	65646	03-DEC-91	3100	-	2001
64989	ADELIN	SALESMAN	66928	20-FEB-91	1700	400	3001
65271	HADE	SALESMAN	66928	22-FEB-91	1350	600	3001
66564	HADDEN	SALESMAN	66928	28-SEP-91	1350	1500	3001
68454	TUCKER	SALESMAN	66928	08-SEP-91	1600	0	3001
69000	JULIUS	CLERK	66928	03-DEC-91	1050	-	3001

Download CSV  
10 rows selected.

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Case 25:

From the following table, write a SQL query to find those employees who joined before 1st April 1991. Return employee ID, employee name, hire date and salary.

Query:

```
SELECT e.emp_id,  
       e.emp_name,  
       e.hire_date,  
       e.salary  
FROM globetechtb231 e  
WHERE hire_date < to_date('1991-04-01', 'YYYY-MM-DD');
```

Live SQL

Feedback Help mohanalalitha@gmail.com

SQL Worksheet

Clear Find Actions Save Run

```
1 SELECT e.emp_id,
2       e.emp_name,
3       e.hire_date,
4       e.salary
5 FROM globetechtb231 e
6 WHERE hire_date <to_date('1991-04-01', 'YYYY-MM-DD');
```

EMP_ID	EMP_NAME	HIRES DATE	SALARY
63679	SANDRINE	18-DEC-90	900
64989	ADELVIN	20-FEB-91	1700
65271	WADE	22-FEB-91	1350

Download CSV  
3 rows selected.

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Case 26:

From the following table, write a SQL query to find those employees who are not working under a manager. Return employee name, job name.

Query:

```
SELECT e.emp_name,
       e.job_name
FROM globetechtb231 e
WHERE manager_id IS NULL;
```

Live SQL

Feedback Help mohanalikhitha@gmail.com

SQL Worksheet

Clear Find Actions Save Run

```
1 SELECT e.emp_name,
2       e.job_name
3 FROM globetechtb231 e
4 WHERE manager_id IS NULL;
```

EMP_NAME	JOB_NAME
KAYLING	PRESIDENT

Download CSV

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## Case 27:

From the following table, write a SQL query to find those employees who joined on 1st May 91. Return complete information about the employees.

Query:

SELECT \*

FROM globetechtb231

WHERE hire\_date = to\_date('1991-05-01','yyyy-mm-dd');

Live SQL

Feedback Help mohanalkitha@gmail.com

SQL Worksheet

Clear Find Actions Save Run

```
1 SELECT *
2 FROM globetechb231
3 WHERE hire_date = to_date('1991-05-01','yyyy-mm-dd');
```

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEP_ID
66928	BLAZE	MANAGER	68319	01-MAY-91	2750	-	3001

[Download CSV](#)

### Case 28:

From the following table, write a SQL query to find those employees working under the manger whose ID is 68319. Return employee ID, employee name, salary, and age.

Query:

```
SELECT emp_id,
       emp_name,
```



salary,

ROUND(months\_between(sysdate, hire\_date)/12) "Experience"

FROM globetechtb231

WHERE manager\_id=68319;

The screenshot shows the Live SQL interface. At the top, there's a header with the Live SQL logo, a feedback icon, a help icon, and a user profile icon. Below the header, there's a toolbar with 'Clear', 'Find', 'Actions', 'Save', and 'Run' buttons. The main area is divided into two sections. The top section contains an SQL query: 

```
1 SELECT emp_id,
2       emp_name,
3       salary,
4       ROUND(months_between(sysdate, hire_date)/12) "Experience"
5 FROM globetechtb231
6 WHERE manager_id=68319;
```

 The bottom section displays the results of the query in a table format. The table has four columns: EMP\_ID, EMP\_NAME, SALARY, and Experience. There are three rows of data. Below the table, there's a 'Download CSV' button and a message '3 rows selected.' At the bottom of the interface, there's a footer with copyright information and a link to the terms of use.

EMP_ID	EMP_NAME	SALARY	Experience
66928	BLAZE	2750	31
67832	CLARE	2550	31
65646	JONAS	2957	31

Download CSV  
3 rows selected.

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Case 29:

From the following table, write a SQL query to find those employees who earn more than 100 as daily salary. Return employee ID, employee name, salary, and age.

Query:

SELECT emp\_id,

emp\_name,

salary,

ROUND(months\_between(sysdate, hire\_date)/12) "Experience"

FROM globetechtb231

WHERE (salary/30)>100;

The screenshot shows a web-based SQL editor interface. At the top, there's a header with a hamburger menu, the 'Live SQL' logo, and links for Feedback, Help, and a user profile. Below the header, the main area is titled 'SQL Worksheet'. It contains a text editor with a SQL query and a results pane. The query is: 

```
1 SELECT emp_id,
2       emp_name,
3       salary,
4       ROUND(months_between(sysdate, hire_date)/12) "Experience"
5 FROM globetechtb231
6 WHERE (salary/30)>100;
```

 The results pane shows a table with 4 columns: EMP\_ID, EMP\_NAME, SALARY, and Experience. It contains 3 rows of data. Below the table, there's a 'Download CSV' link and a message '3 rows selected.' At the bottom of the interface, there's a footer with copyright information and a 'Built with' logo.

EMP_ID	EMP_NAME	SALARY	Experience
68319	KAYLING	6000	31
67858	SCARLET	3100	25
69062	FRANK	3100	30

Download CSV  
3 rows selected.

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Case 30:

From the following table, write a SQL query to find those employees who retired after 31-Dec-99, completion of 8 years of service period. Return employee name.

Query:

```
select emp_name from globetechtb231 where hire_date>to_date('1992-01-01','YYYY-MM-DD');
```

```
1 select emp_name from globetechb231 where hire_date>to_date('1992-01-01','YYYY-MM-DD');
```

EMP_NAME
SCARLET
ANDRES
MARKER

Download CSV  
3 rows selected.

### Case 31:


From the following table, write a SQL query to find those employees whose salary is an odd value. Return complete information about the employees.

Query:

```
SELECT *
```

```
FROM globetechtb231
```

```
WHERE mod(salary,2) = 1;
```

 Live SQL

Feedback Help mohanaikthitha@gmail.com

SQL Worksheet

Clear Find Actions Save Run

```
1 SELECT *
2 FROM globetechtb231
3 WHERE mod(salary,2) = 1;
```

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEP_ID
65646	JONAS	MANAGER	68319	02-APR-91	2957	-	2001

[Download CSV](#)

## Case 32:

From the following table, write a SQL query to find those employees whose salaries are less than 3500. Return complete information about the employees.

Query:

SELECT \*

FROM globetechtb231

WHERE length(TRIM(TO\_CHAR(salary,'9999'))) = 3;

The screenshot shows the Oracle Live SQL Worksheet interface. The browser address bar displays the URL: `livesql.oracle.com/apex/f?p=590:1:3378752268885::NO:RP::`. The page title is "SQL Worksheet". The SQL query entered is:

```
1 SELECT *
2 FROM globetechtb231
3 WHERE length(TRIM(TO_CHAR(salary,'9999'))) = 3;
```

The results table shows one row of data:

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEPT_ID
63679	SANDRINE	CLERK	69062	18-DEC-98	900	-	2001

Below the table, there is a "Download CSV" link. The footer of the page contains the following text:

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