

ASSIGNMENT 3

case 33: From the following table, write a SQL query to find those employees of department id 3001 or 1001 and joined in the year 1991. Return complete information about the employees

SELECT *

FROM globetechtb231

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

AND (dep_id =3001

OR dep_id =1001) ;

The screenshot shows the Live SQL interface with the following SQL query entered:

```
1 SELECT *
2 FROM globetechtb231
3 WHERE to_char(hire_date,'YYYY') = '1991'
4 AND (dep_id =3001
5      OR dep_id =1001) ;
6
```

The results table displays 8 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
64989	ADELYN	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	1600	0	3001
69000	JULIUS	CLERK	66928	03-DEC-91	1050	-	3001

Download CSV
8 rows selected.

case 34: From the following table, write a SQL query to find those employees who are working for the department ID 1001 or 2001.

Return complete information about the employees

SELECT *

FROM globetechtb231

WHERE dep_id=1001

OR dep_id=2001;

The screenshot shows a web-based SQL editor interface. At the top, there's a header with a hamburger menu, a 'Live SQL' logo, and links for Feedback, Help, and a user profile. Below the header is a 'SQL Worksheet' section with a toolbar containing 'Clear', 'Find', 'Actions', 'Save', and a 'Run' button. The SQL query is entered in a text area:

```
1 SELECT *
2 FROM globetechtb231
3 WHERE dep_id=1001
4 OR dep_id=2001;
5
```

Below the query editor, the results are displayed in a table with 8 rows. The table has columns: EMP_ID, EMP_NAME, JOB_NAME, MANAGER_ID, HIRE_DATE, SALARY, COMMISSION, and DEP_ID. The first two rows correspond to department 1001, and the remaining six rows correspond to department 2001.

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEP_ID
68319	KAYLING	PRESIDENT	-	18-NOV-91	6000	-	1001
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
68736	ANDRES	CLERK	67858	23-MAY-97	1200	-	2001
69324	HARKER	CLERK	67832	23-JAN-92	1400	-	1001

Below the table, there is a 'Download CSV' link and a message '8 rows selected.' At the bottom of the interface, there is a footer with copyright information and a 'Built with' logo.

case 35: From the following table, write a SQL query to find those employees whose designation is 'CLERK' and work in the department ID 2001.

Return complete information about the employees.

SELECT *

FROM globetechtb231

WHERE job_name ='CLERK'

AND dep_id = 2001;

Live SQL

FeedbackHelpsathishmahalakshmi73@gmail.com

SQL Worksheet

ClearFindActionsSaveRun

```
1 SELECT *
2 FROM globetechtb231
3 WHERE job_name = 'CLERK'
4 AND dep_id = 2001;
5
```

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEP_ID
63679	SANDRINE	CLERK	69062	18-DEC-90	900	-	2001
68736	ANDRES	CLERK	67858	23-MAY-97	1200	-	2001

Download CSV
2 rows selected.

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case 36:From the following table, write a SQL query to find those employees who are either CLERK or MANAGER.

Return complete information about the employees

SELECT *

FROM globetechtb231

WHERE job_name IN ('CLERK','MANAGER');

Live SQL

Feedback

Help

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SQL Worksheet

Clear

Find

Actions

Save

Run

```

1 SELECT *
2 FROM globetechtb231
3 WHERE job_name IN ('CLERK','MANAGER');
4

```

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
63679	SANDRINE	CLERK	69062	18-DEC-90	900	-	2001
68736	ANDRES	CLERK	67858	23-MAY-97	1200	-	2001
69000	JULIUS	CLERK	66928	03-DEC-91	1050	-	3001
69324	HARKER	CLERK	67832	23-JAN-92	1400	-	1001

Download CSV
7 rows selected.

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case 37:From the following table, write a SQL query to find those employees who joined in any year except the month of February.

Return complete information about the employees

SELECT *

FROM globetechtb231

WHERE to_char(hire_date,'MON') NOT IN ('FEB');

Live SQL

Feedback

Help

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SQL Worksheet

Clear

Find

Actions

Save

Run

```

1 SELECT *
2 FROM globetechtb231
3 WHERE to_char(hire_date,'MON') NOT IN ('FEB');
4

```

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
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
66564	MADDEN	SALESMAN	66928	28-SEP-91	1350	1500	3001
68454	TUCKER	SALESMAN	66928	08-SEP-91	1600	0	3001
68736	ANDRES	CLERK	67858	23-MAY-97	1200	-	2001
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 38: From the following table, write a SQL query to find those employees who joined in the year 91.

Return complete information about the employees

SELECT *

FROM globetechtb231

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

The screenshot shows a web-based SQL editor interface. At the top, there's a header with a hamburger menu, a 'Live SQL' logo, and links for Feedback, Help, and a user profile. Below the header, the page is titled 'SQL Worksheet'. On the right side of the worksheet, there are buttons for 'Clear', 'Find', 'Actions', 'Save', and a green 'Run' button. The SQL query is entered in a text area on the left, numbered 1 to 4. The results are displayed in a table on the right. Below the table, there's a 'Download CSV' link and a message '10 rows selected.' At the bottom of the interface, there's a footer with copyright information for Oracle and links for Privacy and Terms of Use.

```
1 SELECT *
2 FROM globetechtb231
3 WHERE to_char(hire_date, 'YYYY') = '1991';
4
```

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	ADELYN	SALESMAN	66928	20-FEB-91	1700	400	3001
65271	WADE	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

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case 39: From the following table, write a SQL query to find those employees who joined in the month of June 1991.

Return complete information about the employees

SELECT *

FROM globetechtb231

WHERE to_char(hire_date, 'mon-yyyy')='jun-1991'

Feedback
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SQL Worksheet

Clear
Find
Actions
Save
Run

```

1 SELECT *
2 FROM globetechtb231
3 WHERE to_char(hire_date,'mon-yyyy')='Jun-1991'
4

```

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEP_ID
67832	CLARE	MANAGER	68319	09-JUN-91	2550	-	1001

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case 40: From the following table, write a SQL query to find all the employees whose annual salary is

within the range 24000 and 50000 (Begin and end values are included.). Return complete information about the employees.

SELECT *

FROM globetechtb231

WHERE 12*salary BETWEEN 24000 AND 50000;

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SQL Worksheet

Clear
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Actions
Save
Run

```

1 SELECT *
2 FROM globetechtb231
3 WHERE 12*salary BETWEEN 24000 AND 50000;
4

```

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	JOHAS	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

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case 41: From the following table, write a SQL query to find all those employees who have joined on 1st May, 20th Feb, and 3rd Dec in the year 1991.

Return complete information about the employees.

SELECT *

FROM globetechtb231

WHERE to_char(hire_date,'DD-MON-YY') IN ('01-MAY-91',

'20-FEB-91',

'03-DEC-91');

Live SQL

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SQL Worksheet

Clear Find Actions Save Run

```
1 SELECT *
2 FROM globetechtb231
3 WHERE to_char(hire_date,'DD-MON-YY') IN ('01-MAY-91',
4 '20-FEB-91',
5 '03-DEC-91');
```

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEP_ID
66928	BLAZE	MANAGER	68319	01-MAY-91	2750	-	3001
69062	FRANK	ANALYST	65646	03-DEC-91	3100	-	2001
64989	ADELVN	SALESMAN	66928	20-FEB-91	1700	400	3001
69000	JULIUS	CLERK	66928	03-DEC-91	1050	-	3001

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case 42: From the following table, write a SQL query to find those employees working under the managers 63679 or 68319 or 66564 or 69000.

Return complete information about the employees

SELECT *

FROM globetechtb231

WHERE manager_id IN (63679, 68319, 66564, 69000);

The screenshot shows a web-based SQL editor interface. At the top, there's a header with a hamburger menu, the text "Live SQL", and links for Feedback, Help, and a user profile. Below the header is a "SQL Worksheet" section with a toolbar containing "Clear", "Find", "Actions", "Save", and a "Run" button. The main area contains a SQL query: `SELECT * FROM globetechtb231 WHERE manager_id IN (63679, 68319, 66564, 69000);`. Below the query, there's a table with 8 columns: EMP_ID, EMP_NAME, JOB_NAME, MANAGER_ID, HIRE_DATE, SALARY, COMMISSION, and DEP_ID. The table contains 3 rows of data. Below the table, it says "Download CSV" and "3 rows selected." At the bottom, there's a footer with copyright information and a "Built with" logo.

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

case 43: From the following table, write a SQL query to find those employees who joined after the month JUNE in the year 1991

and within this year. Return complete information about the employees

SELECT *

FROM globetechtb231

WHERE hire_date BETWEEN '01-JUL-91' AND '31-DEC-91';

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SQL Worksheet
Clear
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Actions
Save
Run

```

1 SELECT *
2 FROM globetechtb231
3 WHERE hire_date BETWEEN '01-JUL-91' AND '31-DEC-91';
4
5
6
7

```

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEP_ID
68319	KAYLING	PRESIDENT	-	18-NOV-91	6000	-	1001
69062	FRANK	ANALYST	65646	03-DEC-91	3100	-	2001
66564	MADDEM	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

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case 44:From the following table, write a SQL query to find those employees who joined in 90's.

Return complete information about the employees

SELECT *

FROM globetechtb231

WHERE to_char(hire_date,'YY') BETWEEN '90' AND '99';

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SQL Worksheet

Clear
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 Actions
 Save
 Run

```

1 SELECT *
2 FROM globetechtb231
3 WHERE to_char(hire_date,'YY') BETWEEN '90' AND '99';
4

```

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	JOHAS	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	ADELVN	SALESMAN	66928	20-FEB-91	1700	400	3001
65271	WADE	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
68736	ANDRES	CLERK	67858	23-MAY-97	1200	-	2001
69000	JULIUS	CLERK	66928	03-DEC-91	1050	-	3001
69324	MARKER	CLERK	67832	23-JAN-92	1400	-	1001

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case 45: From the following table, write a SQL query to find those managers who are in the department 1001 or 2001.

Return complete information about the employees.

SELECT *

FROM globetechtb231

WHERE job_name = 'MANAGER'

AND (dep_id = 1001

OR dep_id =2001);

Live SQL

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SQL WorksheetClearFindActionsSaveRun

```
1 SELECT *
2 FROM globetechtb231
3 WHERE job_name = 'MANAGER'
4 AND (dep_id = 1001
5      OR dep_id = 2001);
6
7
```

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEP_ID
67832	CLARE	MANAGER	68319	09-JUN-91	2550	-	1001
65646	JONAS	MANAGER	68319	02-APR-91	2957	-	2001

Download CSV
2 rows selected.

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case 46: From the following table, write a SQL query to find those employees who joined in the month FEBRUARY with a salary rangebetween 1001 to 2000 (Begin and end values are included.). Return complete information about the employees

SELECT *

FROM globetechtb231

WHERE to_char(hire_date,'MON') = 'FEB'

AND salary BETWEEN 1000 AND 2000;

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SQL Worksheet

Clear
Find
Actions
Save
Run

```

1 SELECT *
2 FROM globetechtb231
3 WHERE to_char(hire_date,'MON') = 'FEB'
4 AND salary BETWEEN 1000 AND 2000;
5
6
7

```

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEP_ID
64969	ADELYN	SALESMAN	66928	20-FEB-91	1700	400	3001
65271	WADE	SALESMAN	66928	22-FEB-91	1350	600	3001

Download CSV
2 rows selected.

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case 47: From the following table, write a SQL query to find those employees who joined before or after the year 1991.

Return complete information about the employees.

SELECT *

FROM globetechtb231

WHERE to_char(hire_date,'yyyy')not in('1991');

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SQL Worksheet

Clear
Find
Actions
Save
Run

```

1 SELECT *
2 FROM globetechtb231
3 WHERE to_char(hire_date,'yyyy')not in('1991');
4
5
6
7
8
9
10
11
12
13
14

```

EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEP_ID
67858	SCARLET	ANALYST	65646	19-APR-97	3100	-	2001
63679	SANDRINE	CLERK	69062	18-DEC-90	900	-	2001
60736	ANDRES	CLERK	67858	23-MAY-97	1200	-	2001
69324	MARKER	CLERK	67832	23-JAN-92	1400	-	1001

Download CSV
4 rows selected.

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case 48: From the following tables, write a SQL query to find employees along with department name. Return employee ID, employee name, job name, manager ID, hire date, salary, commission, department ID, and department name.

THIS QUERY CANNOT BE WRITTEN AS THE DEPARTMENT NAME IS NOT IN THE TABLE

case 49: From the following tables, write a SQL query to find those employees who earn 60000 in a year or not working as an ANALYST. Return employee name, job name, (12*salary) as Annual Salary, department ID, and grade

THIS QUERY CANNOT BE WRITTEN AS THE GRADE IS NOT IN THE TABLE

case 50: From the following table, write a SQL query to find those employees whose salary is higher than the salary of their managers.

Return employee name, job name, manager ID, salary, manager name, manager's salary.

```
SELECT w.emp_name,  
      w.job_name,  
      w.manager_id,  
      w.salary,  
      m.emp_name "Manager",  
      m.emp_id,  
      m.salary "Manager_Salary"  
FROM globetechtb231 w,  
     globetechtb231 m
```

WHERE w.manager_id = m.emp_id

AND w.salary > m.salary;

≡

Live SQL

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SQL Worksheet Clear Find Actions Save Run

```
1 SELECT w.emp_name,
2        w.job_name,
3        w.manager_id,
4        w.salary,
5        m.emp_name "Manager",
6        m.emp_id,
7        m.salary "Manager_Salary"
8 FROM   giobetechnb231 w,
9        giobetechnb231 m
10 WHERE w.manager_id = m.emp_id
11 AND   w.salary > m.salary;
12
```

EMP_NAME	JOB_NAME	MANAGER_ID	SALARY	Manager	EMP_ID	Manager_Salary
SCARLET	ANALYST	65646	3100	JONAS	65646	2957
FRANK	ANALYST	65646	3100	JONAS	65646	2957

Download CSV
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