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BATCH: DXC-262-Analytics-B12-Azure

SUBMISSION: 2-6-2022

COMPANY: DXC TECHNOLOGY

#### PART-4

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') in ('1991') and**

**(dep\_id = 3001 OR dep\_id =1001) ;**

The screenshot shows a web-based SQL editor interface. At the top, there's a header with a hamburger menu, a red circle logo, the text "Live SQL", and links for "Feedback", "Help", and a user profile "jilanishaik2804@gmail.com". Below the header, there's a "SQL Worksheet" section with buttons for "Clear", "Find", "Actions", "Save", and a green "Run" button. The SQL query is entered in a text area:

```
1 select * from globetechtb231
2 where to_char(hire_date,'YYYY') in ('1991')
3 and
4 (dep_id = 3001 OR dep_id =1001) ;
5
```

Below the query, the results are displayed in a table with 8 columns: EMP\_ID, EMP\_NAME, JOB\_NAME, MANAGER\_ID, HIRE\_DATE, SALARY, COMMISSION, and DEP\_ID. The table contains 8 rows of data. Below the table, there's a link to "Download CSV" and a message "8 rows selected."

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

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;**

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**SQL Worksheet**
Clear
Find
Actions
Save
Run

```

1 select * from globetechtb231
2 where dep_id = 1001 OR dep_id =2001;
3

```

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	ADNRES	CLERK	67858	23-MAY-97	1200	-	2001
69324	MARKER	CLERK	67832	23-JAN-92	1400	-	1001

[Download CSV](#)  
 8 rows selected.

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;**

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**SQL Worksheet**
Clear
Find
Actions
Save
Run

```

1 select * from globetechtb231
2 where job_name='CLERK' and dep_id =2001;
3

```



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





[Download CSV](#)  
 2 rows selected.






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**

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**SQL Worksheet**  Clear  Find **Actions**   Save **Run** 

```
1 select * from globetechtb231
2 where job_name in ('CLERK','MANAGER');
3
```



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	ADNRES	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





[Download CSV](#)  
7 rows selected.






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**

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**SQL Worksheet**  Clear  Find **Actions**   Save **Run** 

```
1 select * from globetechtb231
2 where to_char(hire_date,'MON') not in ('FEB');
3
```



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	ADNRES	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





[Download CSV](#)  
7 rows selected.





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');**

  **Live SQL**

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**SQL Worksheet**  Clear  Find **Actions**  Save **Run** 

```
1 select * from globetechtb231
2 where to_char(hire_date,'YYYY')=('1991');
3
```



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	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](#)  
10 rows selected.





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,'MM-YY')=('06-91');**

  **Live SQL**

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**SQL Worksheet**  Clear  Find **Actions**  Save **Run** 

```
1 select * from globetechtb231
2 where to_char(hire_date,'MM-YY')=('06-91');
3
```



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

[Download CSV](#)

case 40: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;**

  **Live SQL**

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SQL Worksheet Clear Find Actions Save Run

```
1 select * from globetechtb231
2 where 12*salary between 24000 and 50000
3
```



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

Download CSV  
5 rows selected.

case 41: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 * from globetechtb231
2 where to_char(hire_date,'DD-MON-YY') in ('01-MAY-91',
3     '20-FEB-91',
4     '03-DEC-91');
5
```



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	ADELYN	SALESMAN	66928	20-FEB-91	1700	400	3001
69000	JULIUS	CLERK	66928	03-DEC-91	1050	-	3001




Download CSV  
4 rows selected.





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);**

  **Live SQL**

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**SQL Worksheet**  Clear  Find **Actions**  Save **Run** 

```
1 select * from globetechtb231
2 where manager_id in (63679,68319,66564,69000);
3
```



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




[Download CSV](#)  
3 rows selected.





case 43: 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-JUN-91' and '31-DEC-91';**

  **Live SQL**

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**SQL Worksheet**  Clear  Find **Actions**  Save **Run** 

```
1 select * from globetechtb231
2 where hire_date between '01-JUN-91' and '31-DEC-91';
3
```

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
69062	FRANK	ANALYST	65646	03-DEC-91	3100	-	2001
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](#)  
6 rows selected.

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

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**SQL Worksheet**
Clear
Find
Actions
Save
Run

```

1 select * from globetechtb231
2 where to_char(hire_date,'YY') between '90' and '99';
3

```

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
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
68736	ADNRES	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

[Download CSV](#)

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 in (1001,2001);**

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**SQL Worksheet**
Clear
Find
Actions
Save
Run

```

1 select * from globetechtb231
2 where job_name='MANAGER' and dep_id in (1001,2001);
3

```

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.




case 46: write a SQL query to find those employees who joined in the month FEBRUARY with a salary range between 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 1001 and 2000;**

  **Live SQL**

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**SQL Worksheet**  Clear  Find **Actions** ▾  Save **Run** 

```
1 select * from globetechtb231
2 where to_char(hire_date,'MON')='FEB' and
3 salary between 1001 and 2000;
4
```



EMP_ID	EMP_NAME	JOB_NAME	MANAGER_ID	HIRE_DATE	SALARY	COMMISSION	DEP_ID
64989	ADELYN	SALESMAN	66928	20-FEB-91	1700	400	3001
65271	WADE	SALESMAN	66928	22-FEB-91	1350	600	3001




[Download CSV](#)  
2 rows selected.





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,'YY') not in '91';**

  **Live SQL**

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**SQL Worksheet**  Clear  Find **Actions** ▾  Save **Run** 

```
1 select * from globetechtb231
2 where to_char(hire_date,'YY') not in '91';
3
```

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
68736	ADNRES	CLERK	67858	23-MAY-97	1200	-	2001
69324	MARKER	CLERK	67832	23-JAN-92	1400	-	1001

[Download CSV](#)  
4 rows selected.



case 50: 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,w.job_name,w.manager_id,w.salary,
2     m.emp_name "Manager", m.emp_id,
3     m.salary "Manager_Salary"
4 from globetechtb231 w,
5     globetechtb231 m
6 where w.manager_id = m.emp_id
7     and w.salary > m.salary;
8 |
```

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](#)  
2 rows selected.