

QUESTION-3:

```
SQL*Plus
SQL*Plus: Release 12.1.0.1.0 Production on Mon Mar 21 14:28:30 2022
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Enter user-name: c2imca02@oracle
Enter password:
Last Successful login time: Mon Mar 21 2022 08:49:34 +05:30

Connected to:
Oracle Database 12c Enterprise Edition Release 12.1.0.2.0 - 64bit Production
With the Partitioning, OLAP, Advanced Analytics and Real Application Testing options

SQL> select * from EMP
2 ;
```

EMPNO	ENAME	JOB	SALARY	COMMISSION
7369	smith	clerk	2000	800
7499	allen	salesman	1600	300
7521	ward	salesman	1250	500
7566	jones	manager	2975	
7654	martin	salesman	1250	1400
7698	blake	manager	2850	
7782	clark	manager	2450	
7788	scott	analyst	3000	

```
14 rows selected.

SQL> update EMP set DATE__JOI='17-DEC-80' where empno=7369;
update EMP set DATE__JOI='17-DEC-80' where empno=7369
*
```

```
ERROR at line 1:
ORA-00904: "DATE__JOI": invalid identifier
```

```
SQL Plus

14 rows selected.

SQL> update EMP set DATE__JOI='17-DEC-80' where empno=7369;
update EMP set DATE__JOI='17-DEC-80' where empno=7369
*
ERROR at line 1:
ORA-00904: "DATE__JOI": invalid identifier

SQL> update EMP set DATE__JOIN='17-DEC-80' where empno=7369;
1 row updated.

SQL> select * from EMP where empno=7369;

  EMPNO ENAME          JOB          SALARY COMMISSION
-----
DEPTNO DATE__JOI
-----
7369 smith             clerk             2000      800
20 17-DEC-80

SQL> update EMP set DATE__JOIN='20-FEB-81' where empno=7499;
1 row updated.

SQL> update EMP set DATE__JOIN='22-FEB-81' where empno=7521;
1 row updated.

SQL> update EMP set DATE__JOIN='02-APR-81' where empno=77566;
0 rows updated.

SQL> update EMP set DATE__JOIN='02-APR-81' where empno=7566;
1 row updated.

SQL> update EMP set DATE__JOIN='28-SEP-81' where empno=7654;
1 row updated.

SQL> update EMP set DATE__JOIN='01-MAY-81' where empno=7698;
1 row updated.

SQL> update EMP set DATE__JOIN='09-JUN-81' where empno=7782;
1 row updated.
```

```
SQL Plus

1 row updated.

SQL> update EMP set DATE__JOIN='09-JUN-81' where empno=7782;
1 row updated.

SQL> select * from EMP;

  EMPNO ENAME          JOB          SALARY COMMISSION
-----
DEPTNO DATE__JOI
-----
7369 smith             clerk             2000      800
20 17-DEC-80

7499 allen             salesman           1600      300
30 20-FEB-81

7521 ward             salesman           1250      500
30 22-FEB-81

  EMPNO ENAME          JOB          SALARY COMMISSION
-----
DEPTNO DATE__JOI
-----
7566 jones             manager            2975
20 02-APR-81

7654 martin            salesman           1250     1400
30 28-SEP-81

7698 blake             manager            2850
30 01-MAY-81

  EMPNO ENAME          JOB          SALARY COMMISSION
-----
DEPTNO DATE__JOI
-----
7782 clark             manager            2450
10 09-JUN-81

7788 scott             analyst            3000
20

7839 king              president           5000
10

  EMPNO ENAME          JOB          SALARY COMMISSION
-----
```

```
SQL Plus

1 row updated.

SQL> update EMP set DATE_JOIN='23-JAN-82' where empno=7934;

1 row updated.

SQL> select * from EMP
2 ;

-----
EMPNO  ENAME          JOB              SALARY COMMISSION
-----
DEPTNO DATE_JOIN
-----
7369  smith          clerk            2000      800
20 17-DEC-80

7499  allen           salesman         1600      300
30 20-FEB-81

7521  ward            salesman         1250      500
30 22-FEB-81

EMPNO  ENAME          JOB              SALARY COMMISSION
-----
DEPTNO DATE_JOIN
-----
7566  jones           manager          2975
20 02-APR-81

7654  martin          salesman         1250      1400
30 28-SEP-81

7698  blake           manager          2850
30 01-MAY-81

EMPNO  ENAME          JOB              SALARY COMMISSION
-----
DEPTNO DATE_JOIN
-----
7782  clark           manager          2450
10 09-JUN-81

7788  scott           analyst          3000
20 19-APR-87

7839  king            president        5000
10 17-NOV-81

-----
```

```
SQL Plus

EMPNO  ENAME          JOB              SALARY COMMISSION
-----
DEPTNO DATE_JOIN
-----
7902  ford            analyst          3000
20 03-DEC-81

7934  miller          clerk            1300
10 23-JAN-82

14 rows selected.

SQL> select distinct job from EMP;
select distinct job from EMP
*
ERROR at line 1:
ORA-00904: "DISTINCT": invalid identifier

SQL> select distinct job from EMP;

JOB
-----
salesman
clerk
president
manager
analyst

SQL> select * from EMP where deptno=20 & 30;
Enter value for 30:
old 1: select * from EMP where deptno=20 & 30
new 1: select * from EMP where deptno=20

EMPNO  ENAME          JOB              SALARY COMMISSION
-----
DEPTNO DATE_JOIN
-----
7369  smith          clerk            2000      800
20 17-DEC-80

7566  jones           manager          2975
20 02-APR-81

7788  scott           analyst          3000
20 19-APR-87

EMPNO  ENAME          JOB              SALARY COMMISSION
-----
DEPTNO DATE_JOIN
-----
```

```
SQL Plus

EMPNO  ENAME          JOB              SALARY  COMMISSION
-----
DEPTNO DATE__JOI
-----
7876  adams          clerk            1100
20 23-MAY-87
7902  ford            analyst          3000
20 03-DEC-81

SQL> select * from EMP;

EMPNO  ENAME          JOB              SALARY  COMMISSION
-----
DEPTNO DATE__JOI
-----
7369  smith            clerk            2000    800
20 17-DEC-80
7499  allen            salesman         1600    300
30 28-FEB-81
7521  ward             salesman         1250    500
30 22-FEB-81

EMPNO  ENAME          JOB              SALARY  COMMISSION
-----
DEPTNO DATE__JOI
-----
7566  jones            manager          2975
20 02-APR-81
7654  martin           salesman         1250    1400
30 28-SEP-81
7698  blake            manager          2850

EMPNO  ENAME          JOB              SALARY  COMMISSION
-----
DEPTNO DATE__JOI
-----
7782  clark            manager          2450
10 09-JUN-81
7788  scott            analyst          3000
20 19-APR-87
-----
```

```
SQL Plus

DEPTNO DATE__JOI
-----
7902  ford            analyst          3000
20 03-DEC-81
7934  miller           clerk            1300
10 23-JAN-82

14 rows selected.

SQL> select * from EMP where deptno in(20,30);

EMPNO  ENAME          JOB              SALARY  COMMISSION
-----
DEPTNO DATE__JOI
-----
7369  smith            clerk            2000    800
20 17-DEC-80
7499  allen            salesman         1600    300
30 28-FEB-81
7521  ward             salesman         1250    500
30 22-FEB-81

EMPNO  ENAME          JOB              SALARY  COMMISSION
-----
DEPTNO DATE__JOI
-----
7566  jones            manager          2975
20 02-APR-81
7654  martin           salesman         1250    1400
30 28-SEP-81
7698  blake            manager          2850
30 01-MAY-81

EMPNO  ENAME          JOB              SALARY  COMMISSION
-----
DEPTNO DATE__JOI
-----
7788  scott            analyst          3000
20 19-APR-87
7844  turner           salesman         1500
30 08-SEP-81
7876  adams            clerk            1100
20 23-MAY-87
-----
```



```
SQL Plus
ERROR at line 1:
ORA-00933: SQL command not properly ended

SQL> select(salary+commission) from EMP where ename='miller';
2 ;

no rows selected

SQL> select(salary+commission) from EMP where ename='miller';
(SALARY+COMMISSION)
-----

SQL> delete from EMP where ename='miller';

1 row deleted.

SQL> select emp ,deptno from EMP;
select emp ,deptno from EMP
*
ERROR at line 1:
ORA-00904: "EMP": invalid identifier

SQL> select ename ,deptno from EMP;

ENAME          DEPTNO
-----
smith          20
allen          30
ward           30
jones          20
martin         30
blake          30
clark          10
scott          20
king           10
turner         30
adams          20

ENAME          DEPTNO
-----
james          30
ford           20

13 rows selected.

SQL> update EMP set salary=salary+commission;
--
```

```
SQL Plus
SQL> select ename ,deptno from EMP;

ENAME          DEPTNO
-----
smith          20
allen          30
ward           30
jones          20
martin         30
blake          30
clark          10
scott          20
king           10
turner         30
adams          20

ENAME          DEPTNO
-----
james          30
ford           20

13 rows selected.

SQL> update EMP set salary=salary+commission;

13 rows updated.

SQL> select salary form EMP;
select salary form EMP
*
ERROR at line 1:
ORA-00923: FROM keyword not found where expected

SQL> select salary from EMP;

SALARY
-----
2800
1900
1750

2650

SALARY
-----
```

```
SQL*Plus
SQL*Plus: Release 12.1.0.1.0 Production on Wed Mar 23 15:48:11 2022
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Enter user-name: c21mca020@oracle
Enter password:
Last Successful login time: Mon Mar 21 2022 09:46:17 +05:30

Connected to:
Oracle Database 12c Enterprise Edition Release 12.1.0.2.0 - 64bit Production
With the Partitioning, OLAP, Advanced Analytics and Real Application Testing options

SQL> describe EMP;
-----
Name                               Null?    Type
-----
EMPNO                               NUMBER(5)
ENAME                               VARCHAR2(25)
JOB                                 VARCHAR2(12)
SALARY                              NUMBER(10,2)
DEPTNO                              NUMBER(2)
DATE_ JOIN                          DATE

SQL> SELECT * FROM EMP;

  EMPNO  ENAME      JOB              SALARY  DEPTNO
-----
DATE_ JOIN
-----
17-DEC-80      7369 smith        clerk              2800      20
20-FEB-81      7499 allen         salesman           1900      30
22-FEB-81      7521 ward          salesman           1750      30

  EMPNO  ENAME      JOB              SALARY  DEPTNO
-----
DATE_ JOIN
-----
02-APR-81      7566 jones          manager            2000      20
28-SEP-81      7654 martin         salesman           2650      30
01-MAY-81      7698 blake          manager            2000      30
```

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  EMPNO  ENAME      JOB              SALARY  DEPTNO
-----
DATE_ JOIN
-----
09-JUN-81      7782 clark          manager            2000      10
19-APR-87      7788 scott          analyst            2000      20
17-NOV-81      7839 king            president          2000      10

  EMPNO  ENAME      JOB              SALARY  DEPTNO
-----
DATE_ JOIN
-----
08-SEP-81      7844 turner         salesman            2000      30
23-MAY-87      7876 adams          clerk              2000      20
03-DEC-81      7900 james          clerk              2000      30

  EMPNO  ENAME      JOB              SALARY  DEPTNO
-----
DATE_ JOIN
-----
03-DEC-81      7902 ford           analyst            2000      20

13 rows selected.

SQL> SELECT empname as name,empno as emp_id FROM EMP;
SELECT empname as name,empno as emp_id FROM EMP
*
ERROR at line 1:
ORA-00904: "EMPNAME": invalid identifier

SQL> SELECT ename as name,empno as emp_id FROM EMP;

NAME      EMP_ID
-----
smith      7369
```

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SQL Plus

NAME                EMP_ID
-----
smith                7369
allen                7499
ward                 7521
jones                7566
martin               7654
blake                7698
clark                7782
scott                7788
king                 7839
turner               7844
adams                7876

NAME                EMP_ID
-----
james                7900
ford                 7902

13 rows selected.

SQL> rename EMP to employee;

Table renamed.

SQL> create table emp_tab as select empno,ename,job from employee;
create table emp_tab as select empno,ename,job from employee
*
ERROR at line 1:
ORA-00998: must name this expression with a column alias

SQL> create table emp_tab as select empno,ename,job from employee;

Table created.

SQL> select * from emp_tab;

EMPNO  ENAME          JOB
-----
7369   smith          clerk
7499   allen          salesman
7521   ward           salesman
7566   jones          manager
7654   martin         salesman
7698   blake          manager
7782   clark          manager
7788   scott          analyst
7839   king           president
7844   turner         salesman
7876   adams          clerk
```

```
SQL Plus

7654 martin         salesman
7698 blake          manager
7782 clark          manager
7788 scott          analyst
7839 king           president
7844 turner         salesman
7876 adams          clerk

EMPNO  ENAME          JOB
-----
7900   james          clerk
7902   ford           analyst

13 rows selected.

SQL> truncate table EMP;
truncate table EMP
ERROR at line 1:
ORA-03290: Invalid truncate command - missing CLUSTER or TABLE keyword

SQL> truncate table employee;

Table truncated.

SQL>
```