

Connected to:  
Oracle Database 10g Enterprise Edition Release 10.2.0.1.0 - Production  
With the Partitioning, OLAP and Data Mining options

ROLLNO	NAME	DEGREE	YEAR	SEX	DEPT	ADVISOR
me21b1013	ram	mechanical	2021	Male	me21	Dr.Nachiketa
cs21b1056	pranav	computer science	2021	Male	cs21	Dr.jagadeesh
me20b1032	nitya	mechanical	2020	Female	me21	Dr.Nachiketa
ec20b2022	sita	electronics	2020	Female	ec21	Dr.chittibabu
cs192005	preethi	computer science	2019	Female	ec19	Dr.masilamani
ec21b2022	kalyan	electronics	2021	Male	ec21	Dr.chittibabu

```
SQL> select * from department;
```

DEPTID	NAME	HOD	PHONE
EC1006	Electronics	Dr.chittibabu	9858366130
ME1002	Mechanical	Dr.Nachiketa	9858366131
HS1000	environment design	Dr.parvathy	9858366132
CS2005	Artificial intel	Dr.jagadeesh	9858366133
DS1000	SOD	Dr.sudhir	9858366134
PE3003	Printing ENG	Dr.satagopan	9858366135
CS1004	computer science	Dr.Masilamani	9858366129

```
SOL> select * from professor:
```

File
Edit
Search
Options
Help

```

SQL> select * from professor;

EMPID  NAME                SEX      STARTYEAR DEPTNO      PHONE
-----
cs102  Dr.Jayashree        Female    2019  cs1006  8445123902
cs302  Dr.sanjeet          Male      2015  cs3004  8445123903
ec101  Dr.Jagadeesh        Male      2018  ec1004  8445123904
cs201  Dr.Umarani          Female    2018  cs2001  8445123905
me101  Dr.Nachiketa        Male      2017  cs1001  8445123906
ec101  Dr.chittibabu       Male      2014  ec1001  8445123907
cs101  Dr.Ramprasad        Male      2010  cs1004  8445123901

7 rows selected.

SQL> select * from course;

COURSE CNAME      CREDITS DEPTNO
-----
CS1002 DS          4 1002
CS2001 oops      4 1003
HS1000 HR        1 1005
CS2007 ML        4 1006
CS2009 ADS       4 1008
CS1005 EEE       4 1009
CS1006 DSA       4 1001

7 rows selected.

SQL> select * from enrollment;

ROLLNO  COURSE      SEM      YEAR G
-----
CS21B2022 CS2006      2      2021 C
EC20B1023 EC1006      1      2020 A
ME192004 ME5006      5      2019 S
CS18B1033 CS6006      3      2018 D
CS21B2016 CS3006      3      2021 B
EC19B1018 EC5002      3      2018 C
CS21B2023 CS3006      3      2022 B

```

Oracle SQL\*Plus

File Edit Search Options Help

7 rows selected.

SQL> select \* from teaching;

EMPID	COURSE	SEM	YEAR	CLAS
cs201	cs1007	1	2022	h11
cs301	cs1005	2	2022	h13
cs401	cs1008	4	2021	h14
cs501	cs1009	5	2023	h15
cs601	cs1001	6	2023	h16
cs701	cs1002	7	2024	h17
cs101	cs1006	3	2021	h12

7 rows selected.

SQL> select \* from preRequisite;

no rows selected

SQL> create table preRequisite(preCourseId varchar(6),courseId varchar(6));  
create table preRequisite(preCourseId varchar(6),courseId varchar(6))  
\*

ERROR at line 1:  
ORA-00955: name is already used by an existing object

SQL> insert all  
2 insert into preRequisite(preCourseId , courseId ) values('cs1006','cs1004');  
insert into preRequisite(preCourseId , courseId ) values('cs1006','cs1004')  
\*


ERROR at line 2:  
ORA-00905: missing keyword


SQL> insert into preRequisite(preCourseId , courseId ) values('cs2006','cs2001');

1 row created.


SQL> insert into preRequisite(preCourseId , courseId ) values('ec1006','ec1008');


26°C  
Sunny





11:38 AM  
17-Jan-23



 Oracle SQL\*Plus

File Edit Search Options Help

```
SQL> insert into preRequisite(preCourseId , courseId ) values('ec1006','ec1008');
1 row created.

SQL> insert into preRequisite(preCourseId , courseId ) values('me3001','me3003');
1 row created.

SQL> insert into preRequisite(preCourseId , courseId ) values('me2004','cs1009');
1 row created.

SQL> insert into preRequisite(preCourseId , courseId ) values('cs2004','me3006');
1 row created.

SQL> insert into preRequisite(preCourseId , courseId ) values('cs4000','ec5006');
1 row created.


SQL> insert into preRequisite(preCourseId , courseId ) values('cs1006','cs1004');
1 row created.


SQL> select * from preRequisite;

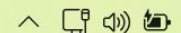
PRECOU  COURSE
-----  -----
cs2006  cs2001
ec1006  ec1008
me3001  me3003
me2004  cs1009
cs2004  me3006
cs4000  ec5006
cs1006  cs1004


7 rows selected.

SQL> |
```

 26°C  
Sunny





11:38 AM  
17-Jan-23 

```
SQL>
SQL>
SQL> delete from student where Name='kalyan';
```

1 row deleted.

```
SQL> delete from student where Name='ram';
```

1 row deleted.


```
SQL> delete from student where Name='pranav';
```

1 row deleted.

```
SQL> select * from student;
```

ROLLNO	NAME	DEGREE	YEAR	SEX	DEPTN	ADVISOR
me20b1032	nitya	mechanical	2020	Female	me21	Dr.Nachiketa
ec20b2022	sita	electronics	2020	Female	ec21	Dr.chittibabu
cs192005	preethi	computer science	2019	Female	ec19	Dr.masilamani

```
SQL>
SQL>
SQL> |
```

 Oracle SQL\*Plus

File Edit Search Options Help

```
SQL>
SQL>
SQL> ALTER TABLE student ADD EmailID varchar(20);

Table altered.

SQL> update student set EmailID='nitya@gmail.com' where Name='nitya';

1 row updated.

SQL> update student set EmailID='sita@gmail.com' where Name='sita';

1 row updated.

SQL> update student set EmailID='preethi@gmail.com' where Name='preethi';

1 row updated.

SQL>
SQL>
SQL> ALTER TABLE professor ADD EmailID varchar(20);

Table altered.

SQL> update professor set EmailID='jayshree@gmail.com' where empId='cs102';

1 row updated.

SQL> update professor set EmailID='sanjeet@gmail.com' where empId='cs302';


1 row updated.


SQL> update professor set EmailID='sanjeet@gmail.com' where empId='cs302';


1 row updated.

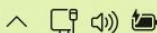
SQL> update professor set EmailID='jagadeesh@gmail.com' where empId='ec101';

2 rows updated.
```

 26°C  
Sunny

 Search





12:35 PM  
17-Jan-23

Oracle SQL\*Plus

File Edit Search Options Help

SQL> update professor set EmailID='uma@gmail.com' where empId='cs201';

1 row updated.

SQL> update professor set EmailID='nachiketa@gmail.com' where empId='me101';

1 row updated.

SQL> update professor set EmailID='chittibabu@gmail.com' where empId='ec101';

2 rows updated.

SQL> update professor set EmailID='ramprasad@gmail.com' where empId='cs101';

1 row updated.

SQL>

SQL> select \* from student;

ROLLNO	NAME	DEGREE	YEAR	SEX	DEPTN	ADVISOR	EMAILID
me20b1032	nitya	mechanical	2020	Female	me21	Dr.Nachiketa	nitya@gmail.com
ec20b2022	sita	electronics	2020	Female	ec21	Dr.chittibabu	sita@gmail.com
cs192005	preethi	computer science	2019	Female	ec19	Dr.masilamani	preethi@gmail.com

SQL> select \* from professor;

EMPID	NAME	SEX	STARTYEAR	DEPTNO	PHONE	EMAILID
cs102	Dr.Jayashree	Female	2019	cs1006	8445123902	jayshree@gmail.com
cs302	Dr.sanjeet	Male	2015	cs3004	8445123903	sanjeet@gmail.com
ec101	Dr.Jagadeesh	Male	2018	ec1004	8445123904	chittibabu@gmail.com
cs201	Dr.Umarani	Female	2018	cs2001	8445123905	uma@gmail.com
me101	Dr.Nachiketa	Male	2017	cs1001	8445123906	nachiketa@gmail.com
ec101	Dr.chittibabu	Male	2014	ec1001	8445123907	chittibabu@gmail.com
cs101	Dr.Ramprasad	Male	2010	cs1004	8445123901	ramprasad@gmail.com

7 rows selected.

SQL> |

26°C  
Sunny

Windows

Search

Taskbar icons

System tray

12:35 PM  
17-Jan-23



Oracle SQL\*Plus

File Edit Search Options Help

SQL>

SQL>

SQL> update professor set phone=999999999 where empId='cs102';

1 row updated.

SQL> update professor set phone=888888888 where empId='cs101';

1 row updated.

SQL> select \* from professor;

EMPID	NAME	SEX	STARTYEAR	DEPTNO	PHONE	EMAILID
cs102	Dr.Jayashree	Female	2019	cs1006	999999999	jayshree@gmail.com
cs302	Dr.sanjeet	Male	2015	cs3004	8445123903	sanjeet@gmail.com
ec101	Dr.Jagadeesh	Male	2018	ec1004	8445123904	chittibabu@gmail.com
cs201	Dr.Umarani	Female	2018	cs2001	8445123905	uma@gmail.com
me101	Dr.Nachiketa	Male	2017	cs1001	8445123906	nachiketa@gmail.com
ec101	Dr.chittibabu	Male	2014	ec1001	8445123907	chittibabu@gmail.com
cs101	Dr.Ramprasad	Male	2010	cs1004	888888888	ramprasad@gmail.com

7 rows selected.

SQL> ALTER TABLE student ADD phno number(10);

Table altered.

SQL> update professor set phno=1111111111 where RollNo='me20b1032';

update professor set phno=1111111111 where RollNo='me20b1032'

\*

ERROR at line 1:

ORA-00904: "ROLLNO": invalid identifier

SQL> update student set phno=1111111111 where RollNo='me20b1032';

1 row updated.

SQL> update student set ohno=222222222 where RollNo='ec20b2022':

26°C

Sunny

Windows

Search

Taskbar icons

System tray

1:26 PM

17-Jan-23



```
SQL> update student set phno=1111111111 where RollNo='me20b1032';
```

```
1 row updated.
```

```
SQL> update student set phno=2222222222 where RollNo='ec20b2022';
```

```
1 row updated.
```

```
SQL> update student set phno=3333333333 where RollNo='cs192005';
```

```
1 row updated.
```

```
SQL>
```

```
SQL>
```

```
SQL> select * from student;
```

ROLLNO	NAME	DEGREE	YEAR	SEX	DEPTN	ADVISOR	EMAILID	PHNO
me20b1032	nitya	mechanical	2020	Female	me21	Dr.Nachiketa	nitya@gmail.com	111111111
ec20b2022	sita	electronics	2020	Female	ec21	Dr.chittibabu	sita@gmail.com	22222222
cs192005	preethi	computer science	2019	Female	ec19	Dr.masilamani	preethi@gmail.com	3

```
SQL> |
```



26°C  
Sunny



Search



1:26 PM  
17-Jan-23

1