

```
SQL> create table aim4(id int primary key,name varchar(10) not null,email
varchar(10) unique);
```

Table created.

```
SQL> desc aim4;
```

Name	Null?	Type
-----	-----	
ID	NOT NULL	NUMBER(38)
NAME	NOT NULL	VARCHAR2(10)
EMAIL		VARCHAR2(10)

```
SQL> insert all
```

```
2 into aim4 values(1,'manas','m@m')
3 into aim4 values(2,'nikhil','n@n')
4 into aim4 values(3,'anil','a@a')
5 into aim4 values(4,'sunil','s@s')
6 into aim4 values(5,'dev','d@d')
7 into aim4 values(6,'harshad','h@h')
8 select * from dual;
```

6 rows created.

```
SQL> create table aim41(id int,department varchar(10),foreign key(id)
references aim4(id));
```

Table created.

```
SQL> insert all
```

```
2 into aim41 values(1,'cse')
3 into aim41 values(2,'cse')
4 into aim41 values(3,'it')
5 into aim41 values(4,'it')
6 select * from dual;
```

4 rows created.

```
SQL> select * from aim4;
```

ID	NAME	EMAIL
-----	-----	-----
1	manas	m@m

2	nikhil	n@n
3	anil	a@a
4	sunil	s@s
5	dev	d@d
6	harshad	h@h

6 rows selected.

SQL> select * from aim41;

ID	DEPARTMENT
----	------------

1	cse
2	cse
3	it
4	it

SQL> insert into aim4 (name) values('vikrant');

insert into aim4 (name) values('vikrant')

*

ERROR at line 1:

ORA-01400: cannot insert NULL into ("SYSTEM"."AIM4"."ID")

SQL> insert into aim4 values(7,'vikrant','v@v');

1 row created.

SQL> select * from aim4;

ID	NAME	EMAIL
----	------	-------

1	manas	m@m
---	-------	-----

2	nikhil	n@n
3	anil	a@a
4	sunil	s@s
5	dev	d@d
6	harshad	h@h
7	vikrant	v@v

7 rows selected.

```
SQL> insert into aim4 values(7,'mady','m@v');
insert into aim4 values(7,'mady','m@v')
*
```

ERROR at line 1:

ORA-00001: unique constraint (SYSTEM.SYS_C007212) violated

```
SQL> insert into aim4 values(8,'mady','m@m');
insert into aim4 values(8,'mady','m@m')
*
```

ERROR at line 1:

ORA-00001: unique constraint (SYSTEM.SYS_C007213) violated

```
SQL> insert into aim4 values(8,'mady',NULL);
```

1 row created.

```
SQL> insert into aim4 values(9,'monty',NULL);
```

1 row created.

```
SQL> select * from aim4;
```

ID	NAME	EMAIL
1	manas	m@m

2	nikhil	n@n
3	anil	a@a
4	sunil	s@s
5	dev	d@d
6	harshad	h@h
7	vikrant	v@v
8	mady	
9	monty	

9 rows selected.

```
SQL> insert into aim41 values(5,'cse');
```

1 row created.

```
SQL> insert into aim41 values(87,'cse');
```

```
insert into aim41 values(87,'cse')
```

*

ERROR at line 1:

ORA-02291: integrity constraint (SYSTEM.SYS_C007214) violated - parent key
not
found

```
SQL> commit;
```

Commit complete.

```
SQL> spool off;
```