# Using-primaryKey,ForigenKey

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SQL> connect system

Enter password:

Connected.

SQL> create table department(dno number(5) primary key,dname varchar2(20));

Table created.

SQL> create table employee1(eid number(5) primary key,ename varchar2(20),esalary number(5),dno number(5),foreign key (dno) references department(dno));

Table created.

SQL> insert into employee1 values(101,'pooja',2000,10);

insert into employee1 values(101,'pooja',2000,10)

\*

ERROR at line 1:

ORA-02291: integrity constraint (SYSTEM.SYS\_C007004) violated - parent key not

found

SQL> insert into department values(10,'ECE');

1 row created.

SQL> insert into employee1 values(101,'pooja',2000,10);

1 row created.

SQL> commit;

Commit complete.

SQL> select \* from employee1;

EID ENAME ESALARY DNO

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101 Pooja 2000 10

SQL> select \* from department;

DNO DNAME

---------- --------------------

10 ECE

SQL> select \* from employee;

EID ENAME ESALARY DNO

---------- ---------- ---------- ----------

101 Valan 7000 10

102 Raj 3000 10

103 Kumar 4000 20

104 Vijay 5000 20

105 Ajay 6000 30

106 3000 30

6 rows selected.

SQL> create view myview as select \*from employee where dno=10;

View created.

SQL> select \* from myview;

EID ENAME ESALARY DNO

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101 Valan 7000 10

102 Raj 3000 10

SQL> update myview set esalary=3000 where eid=101;

1 row updated.

SQL> select \* from myview;

EID ENAME ESALARY DNO

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101 Valan 3000 10

102 Raj 3000 10

SQL> select \* from employee;

EID ENAME ESALARY DNO

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101 Valan 3000 10

102 Raj 3000 10

103 Kumar 4000 20

104 Vijay 5000 20

105 Ajay 6000 30

106 3000 30

6 rows selected.

SQL> delete from myview where eid=101;

1 row deleted.

SQL> select \* from myview;

EID ENAME ESALARY DNO

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102 Raj 3000 10

SQL> drop view myview;

View dropped.

SQL> select eid,ename from employee;

EID ENAME

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102 Raj

103 Kumar

104 Vijay

105 Ajay

106

SQL> select eid as "Employee Id" , ename "Employee Name " from employee;

Employee Id Employee N

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102 Raj

103 Kumar

104 Vijay

105 Ajay

106

SQL> select dno ,count(\*) as from employee group by dno;

DNO COUNT(\*)AS

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30 2

20 2

10 1

SQL> select dno ,count(\*) from employee group by dno;

DNO COUNT(\*)

---------- ----------

30 2

20 2

10 1

SQL> select dno ,count(\*) as "Total No of Employee" from employee group by dno;

DNO Total No of Employee

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30 2

20 2

10 1

SQL>