

## WEEK-2(DBMS)

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**RA1911003010782**

### OUTPUT:

```
SQL> spool myfile.txt
SQL> drop table emp;
drop table emp
*
ERROR at line 1:
ORA-00942: table or view does not exist

SQL> create table emp
2 (
3 empno number(10),
4 empname varchar(255),
5 dob date,
6 salary number(22),
7 designation varchar(20)
8 );

Table created.

SQL> alter table emp add department varchar(50);

Table altered.

SQL> desc emp;
Name Null? Type
-----
EMPNO NUMBER(10)
EMPNAME VARCHAR2(255)
DOB DATE
SALARY NUMBER(22)
DESIGNATION VARCHAR2(20)
DEPARTMENT VARCHAR2(50)

SQL> alter table emp modify department varchar(100);

Table altered.

SQL> desc emp;
Name Null? Type
-----
EMPNO NUMBER(10)
EMPNAME VARCHAR2(255)
DOB DATE
SALARY NUMBER(22)
DESIGNATION VARCHAR2(20)
DEPARTMENT VARCHAR2(100)

SQL> alter table emp drop column department;
```

```

Name Null? Type
-----
EMPNO NUMBER(10)
EMPNAME VARCHAR2(255)
DOB DATE
SALARY NUMBER(22)
DESIGNATION VARCHAR2(20)
DEPARTMENT VARCHAR2(100)

SQL> alter table emp drop column department;

Table altered.

SQL> desc emp;
Name Null? Type
-----
EMPNO NUMBER(10)
EMPNAME VARCHAR2(255)
DOB DATE
SALARY NUMBER(22)
DESIGNATION VARCHAR2(20)

SQL> create table student
2 (
3 studentid varchar(19) primary key,
4 sname varchar(30) not null,
5 department char(5),
6 sem number(22),
7 dob date,
8 email_id varchar(19) unique,
9 college varchar(20) default 'SRMIST'
10 );
create table student
*
ERROR at line 1:
ORA-00955: name is already used by an existing object

SQL> drop table student;
drop table student
*
ERROR at line 1:
ORA-02449: unique/primary keys in table referenced by foreign keys

SQL> desc student;
Name Null? Type
-----
STUDENTID NOT NULL VARCHAR2(19)
SNAME NOT NULL VARCHAR2(30)
```

```

C:\Users\Nishanth\AppData\Local\Temp\Rar$EXa0.445\ORACLE CLIENT 11.2\instantclient_11.2\sqlplus.exe
9 college varchar(20) default 'SRMIST'
10 );
create table student
*
ERROR at line 1:
ORA-00955: name is already used by an existing object

SQL> drop table student;
drop table student
*
ERROR at line 1:
ORA-02449: unique/primary keys in table referenced by foreign keys

SQL> desc student;
Name Null? Type
-----
STUDENTID NOT NULL VARCHAR2(19)
SNAME NOT NULL VARCHAR2(30)
DEPARTMENT CHAR(5)
SEM NUMBER(22)
DOB DATE
EMAIL_ID VARCHAR2(20)
COLLEGE VARCHAR2(20)

SQL> insert into student values(103,'govardhan','ece','S','19-jul-2002','abc1@gmail.com',default);
insert into student values(103,'govardhan','ece','S','19-jul-2002','abc1@gmail.com',default)
*
ERROR at line 1:
ORA-00001: unique constraint (RA1911003010772.SYS_C006026) violated

SQL> select * from student;

STUDENTID SNAME DEPAR SEM DOB
-----
EMAIL_ID COLLEGE
-----
103 govardhan ece 5 19-JUL-02
abc1@gmail.com SRMIST
819 sai cse 6 08-OCT-01
sai19@gmail.com SRMIST

SQL> create table exam1
2 (
3 examid number,
4 studentid varchar(19) references student(studentid),

```

```

EMAIL_ID COLLEGE
-----
103 govardhan ece 5 19-JUL-02
abc1@gmail.com SRMIST
819 sai cse 6 08-OCT-01
sai19@gmail.com SRMIST

SQL> create table exam1
2 (
3 examid number,
4 studentid varchar(19) references student(studentid),
5 department varchar(19) not null,
6 mark1 number check(mark1<=100 and mark1>=0),
7 mark2 number check (mark2<=100 and mark2>=0),
8 mark3 number check(mark3<=100 and mark3>=0),
9 mark4 number check(mark4<=100 and mark4>=0),
10 mark5 number check(mark5<=100 and mark5>=0),
11 total number,
12 average number,
13 grade varchar(1)
14 );

Table created.

SQL> desc exam1;
Name Null? Type
-----
EXAMID NUMBER
STUDENTID VARCHAR2(19)
DEPARTMENT NOT NULL VARCHAR2(19)
MARK1 NUMBER
MARK2 NUMBER
MARK3 NUMBER
MARK4 NUMBER
MARK5 NUMBER
TOTAL NUMBER
AVERAGE NUMBER
GRADE VARCHAR2(1)

SQL> insert into exam values(1,103,'ece',100,10,79,56,78,500,100,'0');
insert into exam values(1,103,'ece',100,10,79,56,78,500,100,'0')
*
ERROR at line 1:
ORA-02290: check constraint (RA1911003010772.SYS_C006033) violated

SQL> insert into exam1 values(1,103,'ece',100,10,79,56,78,500,100,'0');

```