

[1] Department table

=>

```
CREATE TABLE DEPARTMENT(  
deptid NUMBER(3) PRIMARY KEY,  
DEPT_NAME VARCHAR(6),  
budget NUMBER(6) DEFAULT 0,  
CHECK (DEPT_NAME = 'CSE' OR DEPT_NAME = 'EEE' OR DEPT_NAME = 'BBA' OR DEPT_NAME =  
'ENG' OR DEPT_NAME = 'ACH' )  
);
```

[2] Course table

=>

```
CREATE TABLE COURSE(  
crs_id NUMBER(4) PRIMARY KEY,  
crs_name VARCHAR2(20) NOT NULL,  
dept_id NUMBER (3),  
FOREIGN KEY(dept_id) REFERENCES DEPARTMENT (deptid)  
);
```

[3] Student table

=>

```
CREATE TABLE STUDENT_MANAGEMENT(  
s_id NUMBER PRIMARY KEY,  
s_name VARCHAR2(20),  
phone NUMBER,  
address VARCHAR2(50),  
email VARCHAR2(30) ,  
credit_completed NUMBER(3),  
course_completed NUMBER(2),  
cgpa NUMBER,  
deptno NUMBER(5),  
gender VARCHAR2(6)  
);
```

[4] Making s\_id as primary key

```
=> ALTER TABLE STUDENT_MANAGEMENT  
ADD PRIMARY KEY(s_id);
```

[5] Modifying student name

```
=> ALTER TABLE STUDENT_MANAGEMENT  
MODIFY s_name NOT NULL ;
```

[6] Making email address unique

```
=> ALTER TABLE STUDENT_MANAGEMENT  
ADD UNIQUE (email) ;
```

[7] Using foreign key for deptno from department table

```
=> ALTER TABLE STUDENT_MANAGEMENT
```

```
ADD FOREIGN KEY(deptno) REFERENCES DEPARTMENT (deptid);
```

[8] Adding constraint to gender

```
=> ALTER TABLE STUDENT_MANAGEMENT  
ADD CONSTRAINT CHK CHECK (gender = 'M' OR gender = 'F');
```

[9] Disable primary key from s\_id

```
=>ALTER TABLE STUDENT_MANAGEMENT  
DISABLE PRIMARY KEY; (there is only one primary key in this table.that's why no  
column name)
```

[10] Dropping/deleting/disabling chk's value from gender

```
=> ALTER TABLE STUDENT_MANAGEMENT  
DROP CONSTRAINT CHK;
```