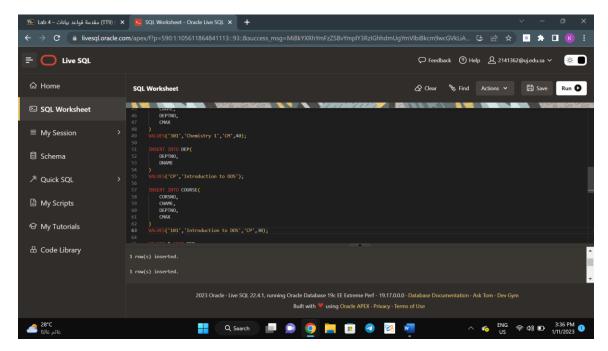


There is an error because we didn't add the department number 'CP' in DEP table

We can solve that like this:



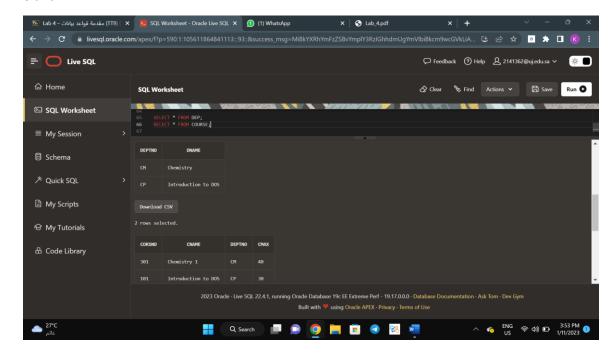
4-

Error because department number 'CP' in DEP table already used

5-

Four rows

## 6 and 7-



8-

No, because we didn't use the command "commit"

9-

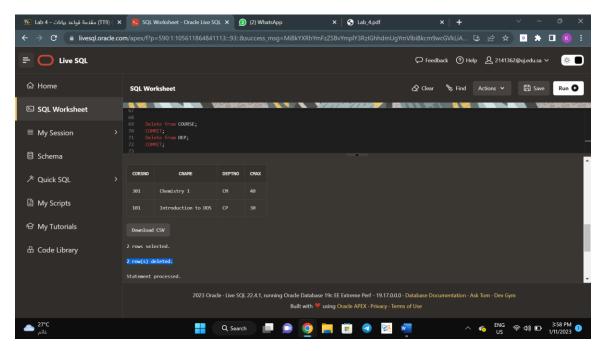
Rows that haven't been saved is removed.

10-

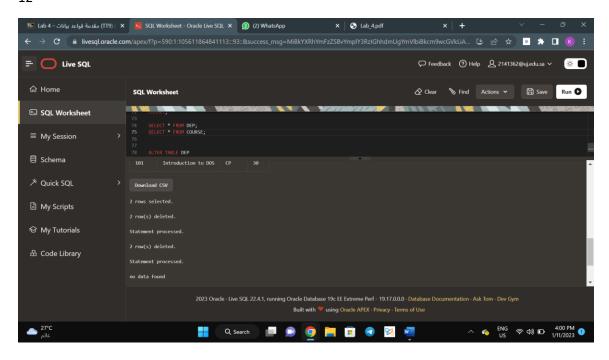
insert into dep values ('CM', 'Chemistry'); insert into course values (301, 'Chemistry I', 'CM', 40); commit;

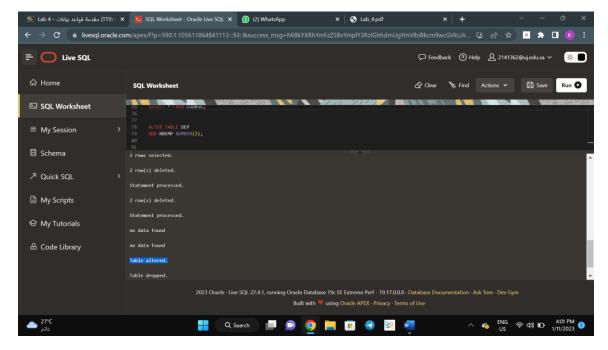
I can't delete the DEP table first because it has a foreign key and unique values

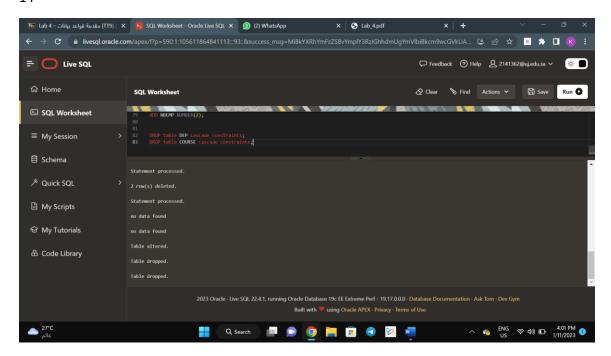
We can solve that like this:



12-







```
create table DEP (
DEPTNO varchar2(30) primary key,
DNAME varchar2(20)
);
create table STUDENT (
STDNO number(8) primary key,
SNAME varchar2(30) not null,
DEPTNO varchar2(30)
);
create table COURSE (
CORSNO Number(9) primary key,
CNAME varchar2(30),
DEPTNO varchar2(20),
CMAX Number(10)
);
create table ENROLMENT (
STDNO number(8),
CORSNO Number(9),
GRADE Number(7),
EDATE date,
primary key (STDNO,CORSNO )
);
alter table STUDENT
add Foreign key(DEPTNO) REFERENCES DEP(DEPTNO);
alter table COURSE
add Foreign key(DEPTNO) REFERENCES DEP(DEPTNO);
alter table ENROLMENT
add Foreign key(CORSNO) REFERENCES COURSE(CORSNO);
alter table ENROLMENT
add Foreign key(STDNO) REFERENCES STUDENT(STDNO);
```

```
INSERT INTO DEP(
  DEPTNO,
  DNAME
)
VALUES('CM','Chemistry');
INSERT INTO COURSE(
  CORSNO,
  CNAME,
  DEPTNO,
  CMAX
)
VALUES('301','Chemistry 1','CM',40);
INSERT INTO DEP(
  DEPTNO,
  DNAME
)
VALUES('CP','Introduction to DOS');
INSERT INTO COURSE(
  CORSNO,
  CNAME,
  DEPTNO,
  CMAX
VALUES('101','Introduction to DOS','CP',30);
SELECT * FROM DEP;
SELECT * FROM COURSE;
Delete from COURSE;
COMMIT;
```

Delete from DEP;
COMMIT;
SELECT * FROM DEP;
SELECT * FROM COURSE;
ALTER TABLE DEP
ADD NBEMP NUMBER(2);
DROP table DEP cascade constraints;

DROP table COURSE cascade constraints;