

## Live SQL Classic reaches end of life on October 6, 2025.

After that date, all your Live SQL Classic tutorials, scripts, sessions, and history will be permanently deleted. Migrate now to preserve your work and take advantage of Live SQL's new features.

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real\_ass\_02.sql\*



Aa



```
1
2 create table Department01(Deptno number(3) PRIMARY KEY, Dname varchar2(20) unique,Location varchar2(20) not null Check(Location IN('Delhi','Pune','Agra')));
3
4 desc Department01;
5
6
7 create table Employee(Empno varchar2(5) primary key Check(Empno Like'E%'),Ename varchar2(20) unique, Designation varchar2(20) not null, Salary number(10) default 25000 Check(Salary BETWEEN 15000 and 50000),DOB
8
9 drop table Employee;
10 desc Employee;
11
12 create table Candidate(Candidate_ID number(6) PRIMARY KEY,Candidate_Name varchar2(20) not null , Candidate_Email Varchar2(30)unique Check(Candidate_Email Like '%@%.%'),Candidate_Dept VARCHAR2(2) default 'HR',M
13 desc Candidate;
14
15 -- Create the schemas as specified above without specifying any constraints.
16
17 create table College(cName varchar2(10),state varchar2(10),enrollment int);
18
19 drop table College;
20
21 create table Student(sID int,sName varchar2(10),GPA number(2,1),sizeHS int);
22
23 drop table Student;
24
25 create table Apply_(sID int, cName VARCHAR2(10),major VARCHAR2(20));
26
27 drop table Apply_;
28 --1:
29 Alter Table College add PRIMARY key (cName);
30 --2:
31 Alter Table Student add PRIMARY KEY (sID);
32 --3:
33 ALTER TABLE Apply_ DROP PRIMARY KEY;
34 ALTER TABLE Apply_ ADD PRIMARY KEY (sID, cName, major);
35
36 --4:
37 Alter Table Apply_ add Foreign KEY (sID) REFERENCES Student(sID);
38 Alter Table Apply_ add Foreign KEY (cName) REFERENCES College(cName);
39
40 --5:
41 Alter TABLE Apply_ MODIFY major VARCHAR2(25);
42
43 --6:
44 Alter Table Apply_ add decision varchar2(3) not NULL;
```



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```
31 ALTER TABLE Student ADD PRIMARY KEY (sID);
32 --3:
33 ALTER TABLE Apply_ DROP PRIMARY KEY;
34 ALTER TABLE Apply_ ADD PRIMARY KEY (sID, cName, major);
35
36 --4:
37 Alter Table Apply_ add Foreign KEY (sID) REFERENCES Student(sID);
38 Alter Table Apply_ add Foreign KEY (cName) REFERENCES College(cName);
39
40 --5:
41 Alter TABLE Apply_ MODIFY major VARCHAR2(25);
42
43 --6:
44 Alter Table Apply_ add decision varchar2(3) not NULL;
45
46 --7:
47 Alter Table Apply_ modify decision char(1);
48
49 --8:
50
51 Alter Table Apply_ Drop Foreign Key(cName);
52
53 --9:
54 Alter Table Student Drop Column sizeHs;
55
56 --10:
57 Alter Table College Drop Primary key;
58
59 --11:
60 Alter Table Apply_ add unique(cName,major);
61
62 -- 12:
63 Alter Table Apply_ add Foreign Key(cName) REFERENCES College(cName);
64
65 --13:
66 Alter Table Apply_ Drop Foreign Key sID;
67 Alter table Apply_ add Foreign Key(sID) REFERENCES Student (sID);
68
69 --14:
70 Alter Table College CHANGE enrollment enroll INT;
```

