

Oracle Live SQL - SQL Worksheet

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```
22 EXECUTE IMMEDIATE 'DROP '
23 || cur_rec.object_type
24 || ' '
25 || cur_rec.object_name
26 || ' '
27 END IF;
28 EXCEPTION
29 WHEN OTHERS
30 THEN
31 DBMS_OUTPUT.put_line ( 'FAILED: DROP '
32 || cur_rec.object_type
33 || ' '
34 || cur_rec.object_name
35 || ' '
36 );
37 END;
38 END LOOP;
39 END;
40 /
41 commit;
42
```

Statement processed.

Statement processed.

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```
24 || ' '
25 || cur_rec.object_name
26 || ' '
27 END IF;
28 EXCEPTION
29 WHEN OTHERS
30 THEN
31 DBMS_OUTPUT.put_line ( 'FAILED: DROP '
32 || cur_rec.object_type
33 || ' '
34 || cur_rec.object_name
35 || ' '
36 );
37 END;
38 END LOOP;
39 END;
40 /
41 commit;
42 drop table College;
43 drop table Student;
44 drop table Apply;
```

ORA-00942: table or view does not exist

ORA-00942: table or view does not exist

ORA-00942: table or view does not exist

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SQL Worksheet

```
30 BEGIN
31 DBMS_OUTPUT.put_line ( 'FAILED: DROP '
32 || cur_rec.object_type
33 || ' '
34 || cur_rec.object_name
35 || ' '
36 );
37 END;
38 END LOOP;
39 END;
40 /
41 commit;
42 drop table College;
43 drop table Student;
44 drop table Apply;
45 create table College(collegeName varchar2(10), state varchar2(10), enrollment int);
46 create table Student(sID int, sName varchar2(10), GPA real, sizeHS int);
47 create table Apply(aID int, cName varchar2(10), major varchar2(20), decision char(1))
48 delete from Student;
49 delete from College;
50 delete from Apply;
```

0 row(s) deleted.

0 row(s) deleted.

0 row(s) deleted.

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SQL Worksheet

```
50 delete from Apply;
51 insert into Student values (123, 'Amy', 3.9, 1000);
52 insert into Student values (234, 'Bob', 3.6, 1500);
53 insert into Student values (345, 'Craig', 3.5, 500);
54 insert into Student values (456, 'Doris', 3.9, 1000);
55 insert into Student values (567, 'Edward', 2.9, 2000);
56 insert into Student values (678, 'Fay', 3.8, 200);
57 insert into Student values (789, 'Gary', 3.4, 800);
58 insert into Student values (987, 'Helen', 3.7, 800);
59 insert into Student values (876, 'Irene', 3.9, 400);
60 insert into Student values (765, 'Jay', 2.9, 1500);
61 insert into Student values (654, 'Joy', 3.9, 1000);
62 insert into Student values (543, 'Craig', 3.4, 2000);
63 insert into College values ('Stanford', 'CA', 15000);
64 insert into College values ('Berkeley', 'CA', 36000);
65 insert into College values ('MIT', 'MA', 10000);
66 insert into College values ('Cornell', 'NY', 21000);
67 insert into College values ('Harvard', 'MA', 38000);
68 insert into Apply values (123, 'Stanford', 'CS', 'Y');
69 insert into Apply values (123, 'Stanford', 'EE', 'N');
70 insert into Apply values (123, 'Berkeley', 'CS', 'Y');
```

1 row(s) Inserted.

1 row(s) Inserted.

1 row(s) Inserted.

1 row(s) Inserted.

1 row(s) Inserted.

1 row(s) Inserted.

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SQL Worksheet

```
68 insert into Apply values (123, 'Stanford', 'CS', 'Y');
69 insert into Apply values (123, 'Stanford', 'EE', 'N');
70 insert into Apply values (123, 'Berkeley', 'CS', 'Y');
71 insert into Apply values (123, 'Cornell', 'EE', 'Y');
72 insert into Apply values (234, 'Berkeley', 'biology', 'N');
73 insert into Apply values (345, 'MIT', 'bioengineering', 'Y');
74 insert into Apply values (345, 'Cornell', 'bioengineering', 'N');
75 insert into Apply values (345, 'Cornell', 'CS', 'Y');
76 insert into Apply values (345, 'Cornell', 'EE', 'N');
77 insert into Apply values (678, 'Stanford', 'history', 'Y');
78 insert into Apply values (987, 'Stanford', 'CS', 'Y');
79 insert into Apply values (987, 'Berkeley', 'CS', 'Y');
80 insert into Apply values (876, 'Stanford', 'CS', 'N');
81 insert into Apply values (876, 'MIT', 'biology', 'Y');
82 insert into Apply values (876, 'MIT', 'marine biology', 'N');
83 insert into Apply values (765, 'Stanford', 'history', 'Y');
84 insert into Apply values (765, 'Cornell', 'history', 'N');
85 insert into Apply values (765, 'Cornell', 'psychology', 'Y');
86 insert into Apply values (543, 'MIT', 'CS', 'N');
87 commit;
88 select * from student,college natural join apply;
```

SID	SNAME	GPA	SIZESHS	COLLEGEName	STATE	ENROLLMENT	SID	CNAME	MAJOR	DECISION
123	Any	3.9	1000	Stanford	CA	15000	123	Stanford	CS	Y
123	Any	3.9	1000	Stanford	CA	15000	123	Stanford	EE	N
123	Any	3.9	1000	Stanford	CA	15000	123	Berkeley	CS	Y
123	Any	3.9	1000	Stanford	CA	15000	123	Cornell	EE	Y
123	Any	3.9	1000	Stanford	CA	15000	234	Berkeley	biology	N
123	Any	3.9	1000	Stanford	CA	15000	345	MIT	bioengineering	Y
123	Any	3.9	1000	Stanford	CA	15000	345	Cornell	bioengineering	N
123	Any	3.9	1000	Stanford	CA	15000	345	Cornell	CS	Y

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SQL Worksheet

```
69 insert into Apply values (123, 'Stanford', 'EE', 'N');
70 insert into Apply values (123, 'Berkeley', 'CS', 'Y');
71 insert into Apply values (123, 'Cornell', 'EE', 'Y');
72 insert into Apply values (234, 'Berkeley', 'biology', 'N');
73 insert into Apply values (345, 'MIT', 'bioengineering', 'Y');
74 insert into Apply values (345, 'Cornell', 'bioengineering', 'N');
75 insert into Apply values (345, 'Cornell', 'CS', 'Y');
76 insert into Apply values (345, 'Cornell', 'EE', 'N');
77 insert into Apply values (678, 'Stanford', 'history', 'Y');
78 insert into Apply values (987, 'Stanford', 'CS', 'Y');
79 insert into Apply values (987, 'Berkeley', 'CS', 'Y');
80 insert into Apply values (876, 'Stanford', 'CS', 'N');
81 insert into Apply values (876, 'MIT', 'biology', 'Y');
82 insert into Apply values (876, 'MIT', 'marine biology', 'N');
83 insert into Apply values (765, 'Stanford', 'history', 'Y');
84 insert into Apply values (765, 'Cornell', 'history', 'N');
85 insert into Apply values (765, 'Cornell', 'psychology', 'Y');
86 insert into Apply values (543, 'MIT', 'CS', 'N');
87 commit;
88 select * from student,college natural join apply;
89 select sid,sname,gpa,cname,maior from student natural join apply;
```

SID	SNAME	GPA	CNAME	MAJOR
123	Any	3.9	Stanford	CS
123	Any	3.9	Stanford	EE
123	Any	3.9	Berkeley	CS
123	Any	3.9	Cornell	EE
234	Bob	3.6	Berkeley	biology
345	Craig	3.5	MIT	bioengineering
345	Craig	3.5	Cornell	bioengineering
345	Craig	3.5	Cornell	CS

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SQL Worksheet

Clear Actions Save Run

```
70 insert into Apply values (123, 'Berkeley', 'CS', 'Y');
71 insert into Apply values (123, 'Cornell', 'EE', 'Y');
72 insert into Apply values (234, 'Berkeley', 'biology', 'N');
73 insert into Apply values (345, 'MIT', 'bioengineering', 'Y');
74 insert into Apply values (345, 'Cornell', 'bioengineering', 'N');
75 insert into Apply values (345, 'Cornell', 'CS', 'Y');
76 insert into Apply values (345, 'Cornell', 'EE', 'N');
77 insert into Apply values (678, 'Stanford', 'history', 'Y');
78 insert into Apply values (987, 'Stanford', 'CS', 'Y');
79 insert into Apply values (987, 'Berkeley', 'CS', 'Y');
80 insert into Apply values (876, 'Stanford', 'CS', 'N');
81 insert into Apply values (876, 'MIT', 'biology', 'Y');
82 insert into Apply values (876, 'MIT', 'marine biology', 'N');
83 insert into Apply values (765, 'Stanford', 'history', 'Y');
84 insert into Apply values (765, 'Cornell', 'history', 'N');
85 insert into Apply values (765, 'Cornell', 'psychology', 'Y');
86 insert into Apply values (543, 'MIT', 'CS', 'N');
87 commit;
88 select * from student,college natural join apply;
89 select sID,sName,GPA,cName,major from student natural join apply;
90 select * from student natural join apply,college where state='CA';
```

SID	SNAME	GPA	SIZES	CNAME	MAJOR	DECISION	COLLEGENAME	STATE	ENROLLMENT
123	Any	3.9	1000	Stanford	CS	Y	Stanford	CA	15000
123	Any	3.9	1000	Stanford	CS	Y	Berkeley	CA	36000
123	Any	3.9	1000	Stanford	EE	N	Stanford	CA	15000
123	Any	3.9	1000	Stanford	EE	N	Berkeley	CA	36000
123	Any	3.9	1000	Berkeley	CS	Y	Stanford	CA	15000
123	Any	3.9	1000	Berkeley	CS	Y	Berkeley	CA	36000
123	Any	3.9	1000	Cornell	EE	Y	Stanford	CA	15000
123	Any	3.9	1000	Cornell	EE	Y	Berkeley	CA	36000

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SQL Worksheet

Clear Actions Save Run

```
74 insert into Apply values (234, 'Berkeley', 'biology', 'N');
75 insert into Apply values (345, 'MIT', 'bioengineering', 'Y');
76 insert into Apply values (345, 'Cornell', 'bioengineering', 'N');
77 insert into Apply values (345, 'Cornell', 'CS', 'Y');
78 insert into Apply values (345, 'Cornell', 'EE', 'N');
79 insert into Apply values (678, 'Stanford', 'history', 'Y');
80 insert into Apply values (987, 'Stanford', 'CS', 'Y');
81 insert into Apply values (987, 'Berkeley', 'CS', 'Y');
82 insert into Apply values (876, 'Stanford', 'CS', 'N');
83 insert into Apply values (876, 'MIT', 'biology', 'Y');
84 insert into Apply values (876, 'MIT', 'marine biology', 'N');
85 insert into Apply values (765, 'Stanford', 'history', 'Y');
86 insert into Apply values (765, 'Cornell', 'history', 'N');
87 insert into Apply values (765, 'Cornell', 'psychology', 'Y');
88 insert into Apply values (543, 'MIT', 'CS', 'N');
89 commit;
90 select * from student,college natural join apply;
91 select sID,sName,GPA,cName,major from student natural join apply;
92 select * from student natural join apply,college where state='CA';
93 select sID,sName,GPA,collegeName from student natural join college where GPA>3.7 and collegeName='Stanford';
94 select * from student natural join apply,college where major='CS' and decision='N';
```

SID	SNAME	GPA	SIZES	CNAME	MAJOR	DECISION	COLLEGENAME	STATE	ENROLLMENT
876	Irene	3.9	400	Stanford	CS	N	Stanford	CA	15000
876	Irene	3.9	400	Stanford	CS	N	Berkeley	CA	36000
876	Irene	3.9	400	Stanford	CS	N	MIT	MA	10000
876	Irene	3.9	400	Stanford	CS	N	Cornell	NY	21000
876	Irene	3.9	400	Stanford	CS	N	Harvard	MA	50040
543	Craig	3.4	2000	MIT	CS	N	Stanford	CA	15000
543	Craig	3.4	2000	MIT	CS	N	Berkeley	CA	36000
543	Craig	3.4	2000	MIT	CS	N	MIT	MA	10000

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