

Local Server x Local Server (college) x

File Edit View Query Database Server Tools Scripting Help

Navigator: supplier\* college\* x

Limit to 1000 rows

**SCHEMAS**

Filter objects

- airline
- banking
- book\_dealer
- college**
  - Tables
    - class
    - iamarks
    - semsec
    - student
    - subject
  - Views
  - Stored Procedures
  - Functions
  - details
  - faculty\_login
  - insurance
  - movie
  - order\_processing
  - student\_enrol
  - supplier
  - sys

Administration Schemas

Information

Schema: college

```
1 • CREATE DATABASE COLLEGE;
2 • USE COLLEGE;
3 • CREATE TABLE STUDENT(USN VARCHAR(10),SNAME VARCHAR(25),ADDRESS VARCHAR(25),PHONE LONG,GENDER CHAR(1),PRIMARY KEY(USN));
4 • CREATE TABLE SEMSEC(SSID VARCHAR(5),SEM INT,SEC CHAR (1),PRIMARY KEY(SSID));
5 • CREATE TABLE CLASS(USN VARCHAR(10),SSID VARCHAR(5),PRIMARY KEY(USN, SSID),FOREIGN KEY(USN) REFERENCES STUDENT(USN),FOREIGN KEY(SSID) REFERENCES SEMSEC(SSID));
6 • CREATE TABLE SUBJECT(SUBCODE VARCHAR(8),TITLE VARCHAR(20),SEM INT,CREDITS INT,PRIMARY KEY(SUBCODE));
7 • CREATE TABLE IAMARKS(USN VARCHAR(10), SUBCODE VARCHAR(8), SSID VARCHAR(5),TEST1 INT,TEST2 INT,TEST3 INT,FINALIA INT,PRIMARY KEY (USN, SUBCODE, SSID),
8 • FOREIGN KEY(USN) REFERENCES STUDENT(USN),FOREIGN KEY (SUBCODE) REFERENCES SUBJECT(SUBCODE),FOREIGN KEY(SSID) REFERENCES SEMSEC(SSID));
9
10 • INSERT INTO STUDENT VALUES ('1RN13CS020','AKSHAY','BELAGAVI', 8877881122,'M');
11 • INSERT INTO STUDENT VALUES ('1RN13CS062','SANDHYA','BENGALURU', 7722829912,'F');
12 • INSERT INTO STUDENT VALUES ('1RN13CS091','TEESHA','BENGALURU', 7712312312,'F');
13 • INSERT INTO STUDENT VALUES ('1RN13CS066','SUPRIYA','MANGALURU', 8877881122,'F');
14 • INSERT INTO STUDENT VALUES ('1RN14CS010','ABHAY','BENGALURU', 9900211201,'M');
15 • INSERT INTO STUDENT VALUES ('1RN14CS032','BHASKAR','BENGALURU', 9923211099,'M');
16 • INSERT INTO STUDENT VALUES ('1RN14CS025','ASMI','BENGALURU', 7894737377,'F');
17 • INSERT INTO STUDENT VALUES ('1RN15CS011','AJAY','TUMKUR', 9845091341,'M');
18 • INSERT INTO STUDENT VALUES ('1RN15CS029','CHITRA','DAVANGERE', 7696772121,'F');
19 • INSERT INTO STUDENT VALUES ('1RN15CS045','JEEVA','BELLARY', 9944850121,'M');
20 • INSERT INTO STUDENT VALUES ('1RN15CS091','SANTOSH','MANGALURU', 8812332201,'M');
21 • INSERT INTO STUDENT VALUES ('1RN16CS045','ISMAIL','KALBURGI', 9900232201,'M');
22 • INSERT INTO STUDENT VALUES ('1RN16CS088','SAMEERA','SHIMOGA', 9905542212,'F');
23 • INSERT INTO STUDENT VALUES ('1RN16CS122','VINAYAKA','CHIKAMAGALUR', 8800880011,'M');
24 • SELECT*FROM STUDENT;
25 • INSERT INTO SEMSEC VALUES ('CSE8A', 8,'A');
26 • INSERT INTO SEMSEC VALUES ('CSE8B', 8,'B');
27 • INSERT INTO SEMSEC VALUES ('CSE8C', 8,'C');
28 • INSERT INTO SEMSEC VALUES ('CSE7A', 7,'A');
29 • INSERT INTO SEMSEC VALUES ('CSE7B', 7,'B');
```

```
28 • INSERT INTO SEMSEC VALUES ('CSE7A', 7, 'A');
29 • INSERT INTO SEMSEC VALUES ('CSE7B', 7, 'B');
30 • INSERT INTO SEMSEC VALUES ('CSE7C', 7, 'C');
31 • INSERT INTO SEMSEC VALUES ('CSE6A', 6, 'A');
32 • INSERT INTO SEMSEC VALUES ('CSE6B', 6, 'B');
33 • INSERT INTO SEMSEC VALUES ('CSE6C', 6, 'C');
34 • INSERT INTO SEMSEC VALUES ('CSE5A', 5, 'A');
35 • INSERT INTO SEMSEC VALUES ('CSE5B', 5, 'B');
36 • INSERT INTO SEMSEC VALUES ('CSE5C', 5, 'C');
37 • INSERT INTO SEMSEC VALUES ('CSE4A', 4, 'A');
38 • INSERT INTO SEMSEC VALUES ('CSE4B', 4, 'B');
39 • INSERT INTO SEMSEC VALUES ('CSE4C', 4, 'C');
40 • INSERT INTO SEMSEC VALUES ('CSE3A', 3, 'A');
41 • INSERT INTO SEMSEC VALUES ('CSE3B', 3, 'B');
42 • INSERT INTO SEMSEC VALUES ('CSE3C', 3, 'C');
43 • INSERT INTO SEMSEC VALUES ('CSE2A', 2, 'A');
44 • INSERT INTO SEMSEC VALUES ('CSE2B', 2, 'B');
45 • INSERT INTO SEMSEC VALUES ('CSE2C', 2, 'C');
46 • INSERT INTO SEMSEC VALUES ('CSE1A', 1, 'A');
47 • INSERT INTO SEMSEC VALUES ('CSE1B', 1, 'B');
48 • INSERT INTO SEMSEC VALUES ('CSE1C', 1, 'C');
49 • SELECT*FROM SEMSEC;
50 • INSERT INTO CLASS VALUES ('1RN13CS020', 'CSE8A');
51 • INSERT INTO CLASS VALUES ('1RN13CS062', 'CSE8A');
52 • INSERT INTO CLASS VALUES ('1RN13CS066', 'CSE8B');
53 • INSERT INTO CLASS VALUES ('1RN13CS091', 'CSE8C');
54 • INSERT INTO CLASS VALUES ('1RN14CS010', 'CSE7A');
55 • INSERT INTO CLASS VALUES ('1RN14CS025', 'CSE7A');
56 • INSERT INTO CLASS VALUES ('1RN14CS032', 'CSE7A');
```

supplier\*

college\* x

Limit to 1000 rows

```
56 • INSERT INTO CLASS VALUES ('1RN14CS032','CSE7A');
57 • INSERT INTO CLASS VALUES ('1RN15CS011','CSE4A');
58 • INSERT INTO CLASS VALUES ('1RN15CS029','CSE4A');
59 • INSERT INTO CLASS VALUES ('1RN15CS045','CSE4B');
60 • INSERT INTO CLASS VALUES ('1RN15CS091','CSE4C');
61 • INSERT INTO CLASS VALUES ('1RN16CS045','CSE3A');
62 • INSERT INTO CLASS VALUES ('1RN16CS088','CSE3B');
63 • INSERT INTO CLASS VALUES ('1RN16CS122','CSE3C');
64 • SELECT*FROM CLASS;
65 • INSERT INTO SUBJECT VALUES ('10CS81','ACA', 8, 4);
66 • INSERT INTO SUBJECT VALUES ('10CS82','SSM', 8, 4);
67 • INSERT INTO SUBJECT VALUES ('10CS83','NM', 8, 4);
68 • INSERT INTO SUBJECT VALUES ('10CS84','CC', 8, 4);
69 • INSERT INTO SUBJECT VALUES ('10CS85','PW', 8, 4);
70 • INSERT INTO SUBJECT VALUES ('10CS71','OOAD', 7, 4);
71 • INSERT INTO SUBJECT VALUES ('10CS72','ECS', 7, 4);
72 • INSERT INTO SUBJECT VALUES ('10CS73','PTW', 7, 4);
73 • INSERT INTO SUBJECT VALUES ('10CS74','DWDN', 7, 4);
74 • INSERT INTO SUBJECT VALUES ('10CS75','JAVA', 7, 4);
75 • INSERT INTO SUBJECT VALUES ('10CS76','SAN', 7, 4);
76 • INSERT INTO SUBJECT VALUES ('15CS51','ME', 5, 4);
77 • INSERT INTO SUBJECT VALUES ('15CS52','CN', 5, 4);
78 • INSERT INTO SUBJECT VALUES ('15CS53','DBMS', 5, 4);
79 • INSERT INTO SUBJECT VALUES ('15CS54','ATC', 5, 4);
80 • INSERT INTO SUBJECT VALUES ('15CS55','JAVA', 5, 3);
81 • INSERT INTO SUBJECT VALUES ('15CS56','AI', 5, 3);
82 • INSERT INTO SUBJECT VALUES ('15CS41','M4', 4, 4);
83 • INSERT INTO SUBJECT VALUES ('15CS42','SE', 4, 4);
84 • INSERT INTO SUBJECT VALUES ('15CS43','DAA', 4, 4);
```



supplier college x

Limit to 1000 rows

```
83 • INSERT INTO SUBJECT VALUES ('15CS42','SE', 4, 4);
84 • INSERT INTO SUBJECT VALUES ('15CS43','DAA', 4, 4);
85 • INSERT INTO SUBJECT VALUES ('15CS44','MPMC', 4, 4);
86 • INSERT INTO SUBJECT VALUES ('15CS45','OOC', 4, 3);
87 • INSERT INTO SUBJECT VALUES ('15CS46','DC', 4, 3);
88 • INSERT INTO SUBJECT VALUES ('15CS31','M3', 3, 4);
89 • INSERT INTO SUBJECT VALUES ('15CS32','ADE', 3, 4);
90 • INSERT INTO SUBJECT VALUES ('15CS33','DSA', 3, 4);
91 • INSERT INTO SUBJECT VALUES ('15CS34','CO', 3, 4);
92 • INSERT INTO SUBJECT VALUES ('15CS35','USP', 3, 3);
93 • INSERT INTO SUBJECT VALUES ('15CS36','DMS', 3, 3);
94 • SELECT*FROM SUBJECT;
95 • INSERT INTO IAMARKS (USN, SUBCODE, SSID, TEST1, TEST2, TEST3) VALUES ('1RN13CS091','10CS81','CSE8C', 15, 16, 18);
96 • INSERT INTO IAMARKS (USN, SUBCODE, SSID, TEST1, TEST2, TEST3) VALUES ('1RN13CS091','10CS82','CSE8C', 12, 19, 14);
97 • INSERT INTO IAMARKS (USN, SUBCODE, SSID, TEST1, TEST2, TEST3) VALUES ('1RN13CS091','10CS83','CSE8C', 19, 15, 20);
98 • INSERT INTO IAMARKS (USN, SUBCODE, SSID, TEST1, TEST2, TEST3) VALUES ('1RN13CS091','10CS84','CSE8C', 20, 16, 19);
99 • INSERT INTO IAMARKS (USN, SUBCODE, SSID, TEST1, TEST2, TEST3) VALUES ('1RN13CS091','10CS85','CSE8C', 15, 15, 12);
100 • SELECT*FROM IAMARKS;
101
102 • SELECT S.*, SS.SEM, SS.SEC FROM STUDENT S, SEMSEC SS, CLASS C WHERE S.USN = C.USN AND SS.SSID = C.SSID AND SS.SEM = 4 AND SS.SEC='C';
103
104 • SELECT SS.SEM, SS.SEC, S.GENDER, COUNT(S.GENDER) AS COUNT FROM STUDENT S, SEMSEC SS, CLASS C WHERE S.USN = C.USN AND SS.SSID = C.SSID GROUP BY SS.SEM, SS.SEC, S.GENDER
105 ORDER BY SEM;
106
107 • CREATE VIEW STU_TEST1_MARKS_VIEW AS SELECT TEST1, SUBCODE FROM IAMARKS WHERE USN = '1RN13CS091';
108 • SELECT * FROM STU_TEST1_MARKS_VIEW;
109
110 • SELECT S.USN,S.SNAME,S.ADDRESS,S.PHONE,S.GENDER, (CASE WHEN IA.FINALIA BETWEEN 17 AND 20 THEN 'OUTSTANDING' WHEN IA.FINALIA BETWEEN 12 AND 16 THEN 'AVERAGE' ELSE 'WEAK'
111 END) AS CAT FROM STUDENT S, SEMSEC SS, IAMARKS IA, SUBJECT SUB WHERE S.USN = IA.USN AND SS.SSID = IA.SSID AND SUB.SUBCODE = IA.SUBCODE AND SUB.SEM = 8;
```



supplier\* college\*

objects

class  
iamarks  
semsec  
student  
subjectViews  
Stored Procedures  
Functions  
details  
faculty\_login  
insurance  
movie  
order\_processing  
student\_enrol  
supplier  
ys

Filter Rows: Edit: Export/Import: Wrap Cell Content:

Result Grid

USN SNAME ADDRESS PHONE GENDER

1RN13CS020 AKSHAY BELAGAVI 8877881122 M

1RN13CS062 SANDHYA BENGALURU 7722829912 F

1RN13CS066 SUPRIYA MANGALURU 8877881122 F

Local Server (college) x

Query Database Server Tools Scripting Help



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```
47 • INSERT INTO SEMSEC VALUES ('CSE1B', 1, 'B');
48 • INSERT INTO SEMSEC VALUES ('CSE1C', 1, 'C');
49 • SELECT * FROM SEMSEC;
50 • INSERT INTO CLASS VALUES ('1RN13CS020', 'CSE8A');
51 • INSERT INTO CLASS VALUES ('1RN13CS062', 'CSE8A');
```

Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:

	SSID	SEM	SEC
▶	CSE1A	1	A
	CSE1B	1	B
	CSE1C	1	C
	CSE2A	2	A
	CSE2B	2	B
	CSE2C	2	C
	CSE3A	3	A
	CSE3B	3	B
	CSE3C	3	C
	CSE4A	4	A
	CSE4B	4	B
	CSE4C	4	C
	CSE5A	5	A
	CSE5B	5	B
	CSE5C	5	C

Local Server (college) x

View Query Database Server Tools Scripting Help

supplier\* college\*

Limit to 1000 rows

```
61 • INSERT INTO CLASS VALUES ('1RN16CS045', 'CSE3A');
62 • INSERT INTO CLASS VALUES ('1RN16CS088', 'CSE3B');
63 • INSERT INTO CLASS VALUES ('1RN16CS122', 'CSE3C');
64 • SELECT * FROM CLASS;
65 • INSERT INTO SUBJECT VALUES ('10CS81', 'ACA', 8, 4);
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: |

	USN	SSID
▶	1RN16CS045	CSE3A
	1RN16CS088	CSE3B
	1RN16CS122	CSE3C
	1RN15CS011	CSE4A
	1RN15CS029	CSE4A
	1RN15CS045	CSE4B
	1RN15CS091	CSE4C
	1RN14CS010	CSE7A
	1RN14CS025	CSE7A
	1RN14CS032	CSE7A
	1RN13CS020	CSE8A
	1RN13CS062	CSE8A
	1RN13CS066	CSE8B
	1RN13CS091	CSE8C
*	NULL	NULL

CLASS 12 x



Navigator

## SCHEMAS

Filter objects

- airline
- banking
- book\_dealer
- college
  - Tables
    - class
    - iamarks
    - semsec
    - student
    - subject
  - Views
  - Stored Procedures
  - Functions
- details
- faculty\_login
- insurance
- movie
- order\_processing
- student\_enrol
- supplier
- sys

supplier\* college\*

Limit to 1000 rows

```
91 • INSERT INTO SUBJECT VALUES ('15CS34','CO', 3, 4);
92 • INSERT INTO SUBJECT VALUES ('15CS35','USP', 3, 3);
93 • INSERT INTO SUBJECT VALUES ('15CS36','DMS', 3, 3);
94 • SELECT * FROM SUBJECT;
95 • INSERT INTO IAMARKS (USN, SUBCODE, SSID, TEST1, TEST2, TEST3) VALUES ('1RN13CS091','10CS81','CSE8C', 15, 16, 18);
```

Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:

	SUBCODE	TITLE	SEM	CREDITS
▶	10CS71	OOAD	7	4
	10CS72	ECS	7	4
	10CS73	PTW	7	4
	10CS74	DWDM	7	4
	10CS75	JAVA	7	4
	10CS76	SAN	7	4
	10CS81	ACA	8	4
	10CS82	SSM	8	4
	10CS83	NM	8	4
	10CS84	CC	8	4
	10CS85	PW	8	4
	15CS31	M3	3	4
	15CS32	ADE	3	4
	15CS33	DSA	3	4
	15CS34	CO	3	4





103

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: |

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Local Server (college) x

Query Database Server Tools Scripting Help

supplier\* college\*

Limit to 1000 rows

101

102 • `SELECT S.*, SS.SEM, SS.SEC FROM STUDENT S, SEMSEC SS, CLASS C WHERE S.USN = C.USN AND SS.SSID = C.SSID AND SS.SEM = 4 AND SS.SEC='C';`

103

104 • `SELECT SS.SEM, SS.SEC, S.GENDER, COUNT(S.GENDER) AS COUNT FROM STUDENT S, SEMSEC SS, CLASS C WHERE S.USN = C.USN AND SS.SSID = C.SSID GROUP BY SS.SEM, SS.SEC, S.GENDER`  
105 `ORDER BY SEM;`

Result Grid Filter Rows: Export: Wrap Cell Content:

	SEM	SEC	GENDER	COUNT
▶	3	A	M	1
	3	B	F	1
	3	C	M	1
	4	A	F	1
	4	A	M	1
	4	B	M	1
	4	C	M	1
	7	A	F	1
	7	A	M	2
	8	A	F	1
	8	A	M	1
	8	B	F	1
	8	C	F	1

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Local Server (college) x  
Query Database Server Tools Scripting Help

supplier\* college\*

Limit to 1000 rows

```
103
104 • SELECT SS.SEM, SS.SEC, S.GENDER, COUNT(S.GENDER) AS COUNT FROM STUDENT S, SEMSEC SS, CLASS C WHERE S.USN = C.USN AND SS.SSID = C.SSID GROUP BY SS.SEM, SS.SEC, S.GENDER
105 ORDER BY SEM;
106
107 • CREATE VIEW STU_TEST1_MARKS_VIEW AS SELECT TEST1, SUBCODE FROM IAMARKS WHERE USN = '1RN13CS091';
108 • SELECT * FROM STU_TEST1_MARKS_VIEW;
109
```

Result Grid Filter Rows: Export: Wrap Cell Content:

	TEST1	SUBCODE
▶	15	10CS81
	12	10CS82
	19	10CS83
	20	10CS84
	15	10CS85

Schemas

college



Local Server x Local Server (college) x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- airline
- banking
- book\_dealer
- college
  - Tables
    - class
    - iamarks
    - semsec
    - student
    - subject
  - Views
  - Stored Procedures
  - Functions
- details
- faculty\_login
- insurance
- movie
- order\_processing
- student\_enrol
- supplier
- sys

supplier\* college\* x

Limit to 1000 rows

```
106
107 • CREATE VIEW STU_TEST1_MARKS_VIEW AS SELECT TEST1, SUBCODE FROM IAMARKS WHERE USN = '1RN13CS091';
108 • SELECT * FROM STU_TEST1_MARKS_VIEW;
109
110 • SELECT S.USN,S.SNAME,S.ADDRESS,S.PHONE,S.GENDER, (CASE WHEN IA.FINALIA BETWEEN 17 AND 20 THEN 'OUTSTANDING' WHEN IA.FINALIA BETWEEN 12 AND 16 THEN 'AVERAGE' ELSE 'WEAK'
111 END) AS CAT FROM STUDENT S, SEMSEC SS, IAMARKS IA, SUBJECT SUB WHERE S.USN = IA.USN AND SS.SSID = IA.SSID AND SUB.SUBCODE = IA.SUBCODE AND SUB.SEM = 8;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: I A

	USN	SNAME	ADDRESS	PHONE	GENDER	CAT
▶	1RN13CS091	TEESHA	BENGALURU	7712312312	F	WEAK
	1RN13CS091	TEESHA	BENGALURU	7712312312	F	WEAK
	1RN13CS091	TEESHA	BENGALURU	7712312312	F	WEAK
	1RN13CS091	TEESHA	BENGALURU	7712312312	F	WEAK
	1RN13CS091	TEESHA	BENGALURU	7712312312	F	WEAK

Administration Schemas

Information

Schema: college