

# LAB-10

## DBMS

### LAKSHMI S KUMAR

```
;      create database college;

      use college;

      CREATE TABLE STUDENT (

      USN VARCHAR (10) PRIMARY KEY,

      SNAME VARCHAR (25),

      ADDRESS VARCHAR (25),

      PHONE real,

      GENDER CHAR (1));

      CREATE TABLE SEMSEC (

      SSID VARCHAR (5) PRIMARY KEY,

      SEM INT (2),

      SEC CHAR (1));

      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));

      CREATE TABLE SUBJECT (

      SUBCODE VARCHAR (8),

      TITLE VARCHAR (20),

      SEM INT (2),

      CREDITS INT (2),

      PRIMARY KEY (SUBCODE));

      CREATE TABLE IAMARKS (

      USN VARCHAR (10),

      SUBCODE VARCHAR (8),
```

```

SSID VARCHAR(5),

TEST1 INT(2),

TEST2 INT(2),

TEST3 INT(2),

FINALIA INT (2),

PRIMARY KEY (USN, SUBCODE, SSID),

FOREIGN KEY (USN) REFERENCES STUDENT (USN),

FOREIGN KEY (SUBCODE) REFERENCES SUBJECT (SUBCODE),

FOREIGN KEY (SSID) REFERENCES SEMSEC (SSID));

INSERT INTO STUDENT
VALUES('1RN13CS020','AKSHAY','BELAGAVI',8877881122,'M');
INSERT INTO STUDENT
VALUES('1RN13CS062','SANDHYA','BENGALURU',7722829912,'F');
INSERT INTO STUDENT
VALUES('1RN13CS091','TEESHA','BENGALURU',7712312312,'F');
INSERT INTO STUDENT
VALUES('1RN13CS066','SUPRIYA','MANGALURU',8877881122,'F');
INSERT INTO STUDENT
VALUES('1RN14CS010','ABHAY','BENGALURU',9900211201,'M');
INSERT INTO STUDENT
VALUES('1RN14CS032','BHASKAR','BENGALURU',9923211099,'M');
INSERT INTO STUDENT VALUES ('1RN14CS025','ASMI','BENGALURU',
7894737377,'F');
INSERT INTO STUDENT VALUES ('1RN15CS011','AJAY','TUMKUR',
9845091341,'M');
INSERT INTO STUDENT VALUES
('1RN15CS029','CHITRA','DAVANGERE',7696772121,'F');
INSERT INTO STUDENT VALUES ('1RN15CS045','JEEVA','BELLARY',
9944850121,'M');
INSERT INTO STUDENT VALUES
('1RN15CS091','SANTOSH','MANGALURU',8812332201,'M');
INSERT INTO STUDENT
VALUES('1RN16CS045','ISMAIL','KALBURGI',9900232201,'M');
INSERT INTO STUDENT VALUES
('1RN16CS088','SAMEERA','SHIMOGA',9905542212,'F');
INSERT INTO STUDENT VALUES
('1RN16CS122','VINAYAKA','CHIKAMAGALUR',8800880011,'M');

INSERT INTO SEMSEC VALUES ('CSE8A', 8,'A');

```

```

INSERT INTO SEMSEC VALUES ('CSE8B', 8, 'B');
INSERT INTO SEMSEC VALUES ('CSE8C', 8, 'C');
INSERT INTO SEMSEC VALUES ('CSE7A', 7, 'A');
INSERT INTO SEMSEC VALUES ('CSE7B', 7, 'B');
INSERT INTO SEMSEC VALUES ('CSE7C', 7, 'C');
INSERT INTO SEMSEC VALUES ('CSE6A', 6, 'A');
INSERT INTO SEMSEC VALUES ('CSE6B', 6, 'B');
INSERT INTO SEMSEC VALUES ('CSE6C', 6, 'C');
INSERT INTO SEMSEC VALUES ('CSE5A', 5, 'A');
INSERT INTO SEMSEC VALUES ('CSE5B', 5, 'B');
INSERT INTO SEMSEC VALUES ('CSE5C', 5, 'C');
INSERT INTO SEMSEC VALUES ('CSE4A', 4, 'A');
INSERT INTO SEMSEC VALUES ('CSE4B', 4, 'B');
INSERT INTO SEMSEC VALUES ('CSE4C', 4, 'C');
INSERT INTO SEMSEC VALUES ('CSE3A', 3, 'A');
INSERT INTO SEMSEC VALUES ('CSE3B', 3, 'B');
INSERT INTO SEMSEC VALUES ('CSE3C', 3, 'C');
INSERT INTO SEMSEC VALUES ('CSE2A', 2, 'C');
INSERT INTO SEMSEC VALUES ('CSE2B', 2, 'B');
INSERT INTO SEMSEC VALUES ('CSE2C', 2, 'C');
INSERT INTO SEMSEC VALUES ('CSE1A', 1, 'A');
INSERT INTO SEMSEC VALUES ('CSE1B', 1, 'B');
INSERT INTO SEMSEC VALUES ('CSE1C', 1, 'C');

```

```

INSERT INTO CLASS VALUES('1RN13CS020', 'CSE8A');
INSERT INTO CLASS VALUES('1RN13CS062', 'CSE8A');
INSERT INTO CLASS VALUES('1RN13CS066', 'CSE8B');
INSERT INTO CLASS VALUES('1RN13CS091', 'CSE8C');
INSERT INTO CLASS VALUES('1RN14CS010', 'CSE7A');
INSERT INTO CLASS VALUES('1RN14CS025', 'CSE7A');
INSERT INTO CLASS VALUES('1RN14CS032', 'CSE7A');

```

```
INSERT INTO CLASS VALUES('1RN15CS011','CSE4A');
INSERT INTO CLASS VALUES('1RN15CS029','CSE4A');
INSERT INTO CLASS VALUES('1RN15CS045','CSE4B');
INSERT INTO CLASS VALUES('1RN15CS091','CSE4C');
INSERT INTO CLASS VALUES('1RN16CS045','CSE3A');
INSERT INTO CLASS VALUES('1RN16CS088','CSE3B');
INSERT INTO CLASS VALUES('1RN16CS122','CSE3C');
```

```
INSERT INTO SUBJECT VALUES ('10CS81','ACA', 8, 4);
INSERT INTO SUBJECT VALUES ('10CS82','SSM', 8, 4);
INSERT INTO SUBJECT VALUES ('10CS83','NM', 8, 4);
INSERT INTO SUBJECT VALUES ('10CS84','CC', 8, 4);
INSERT INTO SUBJECT VALUES ('10CS85','PW', 8, 4);
INSERT INTO SUBJECT VALUES ('10CS71','OOAD', 7, 4);
INSERT INTO SUBJECT VALUES ('10CS72','ECS', 7, 4);
INSERT INTO SUBJECT VALUES ('10CS73','PTW', 7, 4);
INSERT INTO SUBJECT VALUES ('10CS74','DWDM', 7, 4);
INSERT INTO SUBJECT VALUES ('10CS75','JAVA', 7, 4);
INSERT INTO SUBJECT VALUES ('10CS76','SAN', 7, 4);
INSERT INTO SUBJECT VALUES ('15CS51', 'ME', 5, 4);
INSERT INTO SUBJECT VALUES ('15CS52','CN', 5, 4);
INSERT INTO SUBJECT VALUES ('15CS53','DBMS', 5, 4);
INSERT INTO SUBJECT VALUES ('15CS54','ATC', 5, 4);
INSERT INTO SUBJECT VALUES ('15CS55','JAVA', 5, 3);
INSERT INTO SUBJECT VALUES ('15CS56','AI', 5, 3);
INSERT INTO SUBJECT VALUES ('15CS41','M4', 4, 4);
INSERT INTO SUBJECT VALUES ('15CS42','SE', 4, 4);
INSERT INTO SUBJECT VALUES ('15CS43','DAA', 4, 4);
INSERT INTO SUBJECT VALUES ('15CS44','MPMC', 4, 4);
INSERT INTO SUBJECT VALUES ('15CS45','OOC', 4, 3);
INSERT INTO SUBJECT VALUES ('15CS46','DC', 4, 3);
```

```

INSERT INTO SUBJECT VALUES ('15CS31','M3', 3, 4);
INSERT INTO SUBJECT VALUES ('15CS32','ADE', 3, 4);
INSERT INTO SUBJECT VALUES ('15CS33','DSA', 3, 4);
INSERT INTO SUBJECT VALUES ('15CS34','CO', 3, 4);
INSERT INTO SUBJECT VALUES ('15CS35','USP', 3, 3);
INSERT INTO SUBJECT VALUES ('15CS36','DMS', 3, 3);

```

```

INSERT INTO IAMARKS (USN, SUBCODE, SSID, TEST1, TEST2, TEST3)VALUES
('1RN13CS091','10CS81','CSE8C', 15, 16,18);
INSERT INTO IAMARKS (USN, SUBCODE, SSID, TEST1, TEST2, TEST3)VALUES
('1RN13CS091','10CS82','CSE8C', 12, 19,14);
INSERT INTO IAMARKS (USN, SUBCODE, SSID, TEST1, TEST2, TEST3)VALUES
('1RN13CS091','10CS83','CSE8C', 19, 15,20);
INSERT INTO IAMARKS (USN, SUBCODE, SSID, TEST1, TEST2, TEST3)VALUES
('1RN13CS091','10CS84','CSE8C', 20, 16,19);
INSERT INTO IAMARKS (USN, SUBCODE, SSID, TEST1, TEST2, TEST3)VALUES
('1RN13CS091','10CS85','CSE8C', 15, 15,12);
SELECT * FROM STUDENT;

SELECT * FROM SEMSEC;

SELECT * FROM CLASS;

SELECT * FROM SUBJECT;

SELECT * FROM IAMARKS;

```

```

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';

```

```

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

ORDER BY SEM;
```

```
CREATE VIEW STU_TEST1_MARKS_VIEW

AS

SELECT TEST1, SUBCODE

FROM IAMARKS

WHERE USN = '1RN13CS091';
```

```
-- QUERY 4
```

```
DELIMITER //
```

```
CREATE PROCEDURE AVG_MARKS()

BEGIN

DECLARE C_A INTEGER;

DECLARE C_B INTEGER;

DECLARE C_C INTEGER;

DECLARE C_SUM INTEGER;

DECLARE C_AVG INTEGER;

DECLARE C_USN VARCHAR(10);

DECLARE C_SUBCODE VARCHAR(8);

DECLARE C_SSID VARCHAR(5);

DECLARE C_IAMARKS CURSOR FOR

SELECT GREATEST(TEST1,TEST2) AS A, GREATEST(TEST1,TEST3) AS B,

GREATEST(TEST3,TEST2) AS C, USN, SUBCODE, SSID

FROM IAMARKS

WHERE FINALIA IS NULL

FOR UPDATE;
```

```

OPEN C_IAMARKS;

LOOP

FETCH C_IAMARKS INTO C_A, C_B, C_C, C_USN, C_SUBCODE, C_SSID;

IF (C_A != C_B) THEN

SET C_SUM=C_A+C_B;

ELSE

SET C_SUM=C_A+C_C;

END IF;

SET C_AVG=C_SUM/2;

UPDATE IAMARKS SET FINALIA = C_AVG

WHERE USN = C_USN AND SUBCODE = C_SUBCODE AND SSID = C_SSID;

END LOOP;

CLOSE C_IAMARKS;

END;

//

```

```

CALL AVG_MARKS();

```

```

SELECT * FROM IAMARKS;

```

```

-- QUERY 5

```

```

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'

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;

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Navigator

Query 1

Limit to 1000 rows

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

SCHMAS

Filter objects

- airline
- airline\_db
- banking
- movie
- order\_processing
- student\_enrol
- student\_faculty
- supplier

Administration Schemas

Information

No object selected

Result Grid

USN	SNAME	ADDRESS	PHONE	GENDER
JRN13CS020	AKSHAY	BELAGAVI	8877881122	M
JRN13CS062	SANDHYA	BENGALURU	7722829912	F
JRN13CS066	SUPRIYA	MANGALURU	8877881122	F
JRN13CS091	TEESHA	BENGALURU	7712312312	F
JRN14CS010	ADHAY	BENGALURU	9900211201	M
JRN14CS025	ASMI	BENGALURU	7894737377	F
JRN14CS032	BHASKAR	BENGALURU	9923211099	M
JRN15CS011	AJAY	TUMKUR	9845091341	M
JRN15CS029	CHITRA	DAVANGERE	7696772121	F

STUDENT 1 x SEMSEC 2 CLASS 3 SUBJECT 4 IAMARKS 5 Result 6 Result 7 Apply Revert Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
97	10:57:35	SELECT * FROM SUBJECT LIMIT 0, 1000	29 row(s) returned	0.000 sec / 0.000 sec
98	10:57:35	SELECT * FROM IAMARKS LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
99	10:57:35	SELECT S'. SS.SEM, SS.SEC FROM STUDENT S, SEMSEC SS, CLASS C WHERE S.USN = C.USN AND SS.S...	1 row(s) returned	0.000 sec / 0.000 sec
100	10:57:35	SELECT SS.SEM, SS.SEC, S.GENDER, COUNT(S.GENDER) AS COUNT FROM STUDENT S, SEMSEC SS, CL...	13 row(s) returned	0.000 sec / 0.000 sec
101	10:57:35	CREATE VIEW STU_TEST1_MARKS_VIEW AS SELECT TEST1.SUBCODE FROM IAMARKS WHERE USN = '...	0 row(s) affected	0.000 sec
102	10:57:35	CREATE PROCEDURE AVG_MARKS() BEGIN DECLARE C_A INTEGER; DECLARE C_B INTEGER; DECLARE ...	0 row(s) affected	0.000 sec
103	10:57:35	CALL AVG_MARKS(); SELECT * FROM IAMARKS; -- QUERY 5 SELECT S.USN, S.SNAME, S.ADDRESS, S.PHO...	Error Code: 1329. No data - zero rows fetched, selected, or processed	0.031 sec

Object Info Session

Type here to search

26°C AQI 76 10:59 03-07-2021



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Navigator

SCHEMAS

Filter objects

- airline
- airline\_db
- banking
- movie
- order\_processing
- student\_enrol
- student\_faculty
- supplier

Administration Schemas

Information

No object selected

Query 1

```
127 SELECT * FROM STUDENT;
128 SELECT * FROM SEMSEC;
129 SELECT * FROM CLASS;
130 SELECT * FROM SUBJECT;
131 SELECT * FROM IAMARKS;
132
133 SELECT S.*, SS.SEM, SS.SEC
134 FROM STUDENT S, SEMSEC SS, CLASS C
```

Result Grid

SSID	SEM	SEC
CSE1A	1	A
CSE1B	1	B
CSE1C	1	C
CSE2A	2	C
CSE2B	2	B
CSE2C	2	C
CSE3A	3	A
CSE3B	3	B
CSE3C	3	C

STUDENT 1 SEMSEC 2 CLASS 3 SUBJECT 4 IAMARKS 5 Result 6 Result 7 Apply Revert Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
97	10:57:35	SELECT * FROM SUBJECT LIMIT 0, 1000	29 row(s) returned	0.000 sec / 0.000 sec
98	10:57:35	SELECT * FROM IAMARKS LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
99	10:57:35	SELECT S.*, SS.SEM, SS.SEC FROM STUDENT S, SEMSEC SS, CLASS C WHERE S.USN = C.USN AND SS.S...	1 row(s) returned	0.000 sec / 0.000 sec
100	10:57:35	SELECT SS.SEM, SS.SEC, S.GENDER, COUNT(S.GENDER) AS COUNT FROM STUDENT S, SEMSEC SS, CL...	13 row(s) returned	0.000 sec / 0.000 sec
101	10:57:35	CREATE VIEW STU_TEST1_MARKS_VIEW AS SELECT TEST1.SUBCODE FROM IAMARKS WHERE USN = '...	0 row(s) affected	0.000 sec
102	10:57:35	CREATE PROCEDURE AVG_MARKS() BEGIN DECLARE C_A INTEGER; DECLARE C_B INTEGER; DECLARE ...	0 row(s) affected	0.000 sec
103	10:57:35	CALL AVG_MARKS(); SELECT * FROM IAMARKS; -- QUERY 5 SELECT S.USN, S.SNAME, S.ADDRESS, S.PHO...	Error Code: 1329. No data - zero rows fetched, selected, or processed	0.031 sec

Object Info Session

Type here to search

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MySQL Workbench

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Navigator

SCHEMAS

Filter objects

- airline
- airline\_db
- banking
- movie
- order\_processing
- student\_enrol
- student\_faculty
- supplier

Administration Schemas

Information

No object selected

Query 1

```
127 SELECT * FROM STUDENT;
128 SELECT * FROM SEMSEC;
129 SELECT * FROM CLASS;
130 SELECT * FROM SUBJECT;
131 SELECT * FROM IAMARKS;
132
133 SELECT S.*, SS.SEM, SS.SEC
134 FROM STUDENT S, SEMSEC SS, CLASS C
```

Result Grid

USN	SSID
JRN16C5045	CSE3A
JRN16C5088	CSE3B
JRN16C5122	CSE3C
JRN15C5011	CSE4A
JRN15C5029	CSE4A
JRN15C5045	CSE4B
JRN15C5091	CSE4C
JRN14C5010	CSE7A
JRN14C5025	CSE7A

STUDENT 1 SEMSEC 2 CLASS 3 SUBJECT 4 IAMARKS 5 Result 6 Result 7 Apply Revert Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
97	10:57:35	SELECT * FROM SUBJECT LIMIT 0, 1000	29 row(s) returned	0.000 sec / 0.000 sec
98	10:57:35	SELECT * FROM IAMARKS LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
99	10:57:35	SELECT S.*, SS.SEM, SS.SEC FROM STUDENT S, SEMSEC SS, CLASS C WHERE S.USN = C.USN AND SS.S...	1 row(s) returned	0.000 sec / 0.000 sec
100	10:57:35	SELECT SS.SEM, SS.SEC, S.GENDER, COUNT(S.GENDER) AS COUNT FROM STUDENT S, SEMSEC SS, CL...	13 row(s) returned	0.000 sec / 0.000 sec
101	10:57:35	CREATE VIEW STU_TEST1_MARKS_VIEW AS SELECT TEST1.SUBCODE FROM IAMARKS WHERE USN = '...	0 row(s) affected	0.000 sec
102	10:57:35	CREATE PROCEDURE AVG_MARKS() BEGIN DECLARE C_A INTEGER; DECLARE C_B INTEGER; DECLARE ...	0 row(s) affected	0.000 sec
103	10:57:35	CALL AVG_MARKS(); SELECT * FROM IAMARKS; -- QUERY 5 SELECT S.USN, S.SNAME, S.ADDRESS, S.PHO...	Error Code: 1329. No data - zero rows fetched, selected, or processed	0.031 sec

Object Info Session

Type here to search

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Navigator

SCHEMAS

Filter objects

- airline
- airline\_db
- banking
- movie
- order\_processing
- student\_enrol
- student\_faculty
- supplier

Administration Schemas

Information

No object selected

Query 1

```
127 SELECT * FROM STUDENT;
128 SELECT * FROM SEMSEC;
129 SELECT * FROM CLASS;
130 SELECT * FROM SUBJECT;
131 SELECT * FROM IAMARKS;
132
133 SELECT S.*, SS.SEM, SS.SEC
134 FROM STUDENT S, SEMSEC SS, CLASS C
```

Result Grid

SUBCODE	TITLE	SEM	CREDITS
10CS71	OQAD	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

STUDENT 1 SEMSEC 2 CLASS 3 SUBJECT 4 IAMARKS 5 Result 6 Result 7 Apply Revert Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
97	10:57:35	SELECT * FROM SUBJECT LIMIT 0, 1000	29 row(s) returned	0.000 sec / 0.000 sec
98	10:57:35	SELECT * FROM IAMARKS LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
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100	10:57:35	SELECT SS.SEM, SS.SEC, S.GENDER, COUNT(S.GENDER) AS COUNT FROM STUDENT S, SEMSEC SS, CL...	13 row(s) returned	0.000 sec / 0.000 sec
101	10:57:35	CREATE VIEW STU_TEST1_MARKS_VIEW AS SELECT TEST1.SUBCODE FROM IAMARKS WHERE USN = '...	0 row(s) affected	0.000 sec
102	10:57:35	CREATE PROCEDURE AVG_MARKS() BEGIN DECLARE C_A INTEGER; DECLARE C_B INTEGER; DECLARE ...	0 row(s) affected	0.000 sec
103	10:57:35	CALL AVG_MARKS(); SELECT * FROM IAMARKS; -- QUERY 5 SELECT S.USN, S.SNAME, S.ADDRESS, S.PHO...	Error Code: 1329 No data - zero rows fetched, selected, or processed	0.031 sec

Object Info Session

Type here to search

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MySQL Workbench

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File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- airline
- airline\_db
- banking
- movie
- order\_processing
- student\_enrol
- student\_faculty
- supplier

Administration Schemas

Information

No object selected

Query 1

```
127 SELECT * FROM STUDENT;
128 SELECT * FROM SEMSEC;
129 SELECT * FROM CLASS;
130 SELECT * FROM SUBJECT;
131 SELECT * FROM IAMARKS;
132
133 SELECT S.*, SS.SEM, SS.SEC
134 FROM STUDENT S, SEMSEC SS, CLASS C
```

Result Grid

USN	SUBCODE	SSID	TEST1	TEST2	TEST3	FINALIA
JRN13CS091	10CS81	CSE8C	15	16	18	NULL
JRN13CS091	10CS82	CSE8C	12	19	14	NULL
JRN13CS091	10CS83	CSE8C	19	15	20	NULL
JRN13CS091	10CS84	CSE8C	20	16	19	NULL
JRN13CS091	10CS85	CSE8C	15	15	12	NULL

STUDENT 1 SEMSEC 2 CLASS 3 SUBJECT 4 IAMARKS 5 Result 6 Result 7 Apply Revert Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
67	10:57:35	INSERT INTO SUBJECT VALUES (10CS73,'PTW', 7, 4)	1 row(s) affected	0.015 sec
68	10:57:35	INSERT INTO SUBJECT VALUES (10CS74,'DWDM', 7, 4)	1 row(s) affected	0.000 sec
69	10:57:35	INSERT INTO SUBJECT VALUES (10CS75,'JAVA', 7, 4)	1 row(s) affected	0.000 sec
70	10:57:35	INSERT INTO SUBJECT VALUES (10CS76,'SAN', 7, 4)	1 row(s) affected	0.000 sec
71	10:57:35	INSERT INTO SUBJECT VALUES (10CS81,'ME', 5, 4)	1 row(s) affected	0.000 sec
72	10:57:35	INSERT INTO SUBJECT VALUES (10CS82,'CN', 5, 4)	1 row(s) affected	0.000 sec
73	10:57:35	INSERT INTO SUBJECT VALUES (10CS83,'DBMS', 5, 4)	1 row(s) affected	0.000 sec
74	10:57:35	INSERT INTO SUBJECT VALUES (10CS84,'ATC', 5, 4)	1 row(s) affected	0.000 sec

Object Info Session

Type here to search

26°C AQI 76 ENG 11:02 03-07-2021

MySQL Workbench

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File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- airline
- airline\_db
- banking
- movie
- order\_processing
- student\_enrol
- student\_faculty
- supplier

Administration Schemas

Information

No object selected

Query 1

```
188 CALL AVG_MARKS();
189
190 SELECT * FROM IAMARKS;
191 -- QUERY 5
192
193
194 SELECT S.USN,S.SNAME,S.ADDRESS,S.PHONE,S.GENDER,(CASE
195 WHEN IA.FINALIA BETWEEN 17 AND 20 THEN 'OUTSTANDING'
```

Result Grid

USN	SNAME	ADDRESS	PHONE	GENDER	SEM	SEC
IRN15CS091	SANTOSH	MANGALLURU	8812332201	M	4	C

Output

Action Output

#	Time	Action	Message	Duration / Fetch
67	10:57:35	INSERT INTO SUBJECT VALUES ('10CS73','PTW', 7, 4)	1 row(s) affected	0.015 sec
68	10:57:35	INSERT INTO SUBJECT VALUES ('10CS74','DWDW', 7, 4)	1 row(s) affected	0.000 sec
69	10:57:35	INSERT INTO SUBJECT VALUES ('10CS75','JAVA', 7, 4)	1 row(s) affected	0.000 sec
70	10:57:35	INSERT INTO SUBJECT VALUES ('10CS76','SAN', 7, 4)	1 row(s) affected	0.000 sec
71	10:57:35	INSERT INTO SUBJECT VALUES ('15CS51','ME', 5, 4)	1 row(s) affected	0.000 sec
72	10:57:35	INSERT INTO SUBJECT VALUES ('15CS52','CN', 5, 4)	1 row(s) affected	0.000 sec
73	10:57:35	INSERT INTO SUBJECT VALUES ('15CS53','DBMS', 5, 4)	1 row(s) affected	0.000 sec
74	10:57:35	INSERT INTO SUBJECT VALUES ('15CS54','ATC', 5, 4)	1 row(s) affected	0.000 sec

Object Info Session

26°C AQI 76 11:14 03-07-2021

MySQL Workbench

college x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- airline
- airline\_db
- banking
- movie
- order\_processing
- student\_enrol
- student\_faculty
- supplier

Administration Schemas

Information

No object selected

Query 1

```
131 SELECT * FROM IAMARKS;
132
133 SELECT S.*, SS.SEM, SS.SEC
134 FROM STUDENT S, SEMSEC SS, CLASS C
135 WHERE S.USN = C.USN AND
136 SS.SSID = C.SSID AND
137 SS.SEM = 4 AND
138 SS.SEC = 'C';
```

Result Grid

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

Output

Action Output

#	Time	Action	Message	Duration / Fetch
67	10:57:35	INSERT INTO SUBJECT VALUES ('10CS73','PTW', 7, 4)	1 row(s) affected	0.015 sec
68	10:57:35	INSERT INTO SUBJECT VALUES ('10CS74','DWDW', 7, 4)	1 row(s) affected	0.000 sec
69	10:57:35	INSERT INTO SUBJECT VALUES ('10CS75','JAVA', 7, 4)	1 row(s) affected	0.000 sec
70	10:57:35	INSERT INTO SUBJECT VALUES ('10CS76','SAN', 7, 4)	1 row(s) affected	0.000 sec
71	10:57:35	INSERT INTO SUBJECT VALUES ('15CS51','ME', 5, 4)	1 row(s) affected	0.000 sec
72	10:57:35	INSERT INTO SUBJECT VALUES ('15CS52','CN', 5, 4)	1 row(s) affected	0.000 sec
73	10:57:35	INSERT INTO SUBJECT VALUES ('15CS53','DBMS', 5, 4)	1 row(s) affected	0.000 sec
74	10:57:35	INSERT INTO SUBJECT VALUES ('15CS54','ATC', 5, 4)	1 row(s) affected	0.000 sec

Object Info Session

26°C AQI 76 11:15 03-07-2021

