DBMS LAB

Mallika Prasad

1BM19CS081

LAB PROG 10

OUTPUT

Value Insertion

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34
       FOREIGN KEY (USN) REFERENCES STUDENT (USN),
35
       FOREIGN KEY (SUBCODE) REFERENCES SUBJECT (SUBCODE),
     FOREIGN KEY (SSID) REFERENCES SEMSEC (SSID));
37 • INSERT INTO STUDENT VALUES('1RN13CS020', 'AKSHAY', 'BELAGAVI', 8877881122, 'M');
38 • INSERT INTO STUDENT VALUES('1RN13CS062', 'SANDHYA', 'BENGALURU', 7722829912, 'F');
39 INSERT INTO STUDENT VALUES('1RN13CS091', 'TEESHA', 'BENGALURU', 7712312312, 'F');
40 INSERT INTO STUDENT VALUES('1RN13CS066', 'SUPRIYA', 'MANGALURU', 8877881122, 'F');
41 • INSERT INTO STUDENT VALUES('1RN14CS010','ABHAY','BENGALURU',9900211201,'M');
42 • INSERT INTO STUDENT VALUES('1RN14CS032', 'BHASKAR', 'BENGALURU', 9923211099, 'M');
43 • INSERT INTO STUDENT VALUES ('1RN14CS025', 'ASMI', 'BENGALURU', 7894737377, 'F');
44 • 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');
47 • INSERT INTO STUDENT VALUES ('1RN15CS091', 'SANTOSH', 'MANGALURU', 8812332201, 'M');
48 • INSERT INTO STUDENT VALUES('1RN16CS045','ISMAIL','KALBURGI',9900232201,'M');
49 • INSERT INTO STUDENT VALUES ('IRN16CS088', 'SAMEERA', 'SHIMOGA', 9905542212, 'F');
50 • INSERT INTO STUDENT VALUES ('1RN16CS122', 'VINAYAKA', 'CHIKAMAGALUR', 8800880011, 'M');
52 • INSERT INTO SEMSEC VALUES ('CSE8A', 8, 'A');
53 • INSERT INTO SEMSEC VALUES ('CSE8B', 8, 'B');
54 • INSERT INTO SEMSEC VALUES ('CSE8C',8,'C');
55 • INSERT INTO SEMSEC VALUES ('CSE7A',7,'A');
56 • INSERT INTO SEMSEC VALUES ('CSE7B',7,'B');
57 • INSERT INTO SEMSEC VALUES ('CSE7C',7,'C');
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54 • INSERT INTO SEMSEC VALUES ('CSE8C',8,'C');
           INSERT INTO SEMSEC VALUES ('CSE7A',7,'A');
           INSERT INTO SEMSEC VALUES ('CSE7B',7,'B');
56 •
           INSERT INTO SEMSEC VALUES ('CSE7C',7,'C');
57 •
58 • INSERT INTO SEMSEC VALUES ('CSE6A',6,'A');
59 • INSERT INTO SEMSEC VALUES ('CSE6B', 6, 'B');
60 • INSERT INTO SEMSEC VALUES ('CSE6C', 6,'C');
61 • INSERT INTO SEMSEC VALUES ('CSE5A', 5,'A');
62 • INSERT INTO SEMSEC VALUES ('CSE5B', 5, 'B');
63 • INSERT INTO SEMSEC VALUES ('CSESC', 5,'C');
64 • INSERT INTO SEMSEC VALUES ('CSE4A',4,'A');
            INSERT INTO SEMSEC VALUES ('CSE4B', 4, 'B');
           INSERT INTO SEMSEC VALUES('CSE4C',4,'C');
66 •
           INSERT INTO SEMSEC VALUES ('CSE3A', 3,'A');
67 •
68 • INSERT INTO SEMSEC VALUES ('CSE3B', 3,'B');
69 • INSERT INTO SEMSEC VALUES('CSE3C',3,'C');
70 • INSERT INTO SEMSEC VALUES ('CSE2A', 2,'C');
71 • INSERT INTO SEMSEC VALUES ('CSE2B', 2, 'B');
72 • INSERT INTO SEMSEC VALUES ('CSE2C', 2,'C');
73 • INSERT INTO SEMSEC VALUES ('CSE1A', 1, 'A');
74 • INSERT INTO SEMSEC VALUES ('CSE1B', 1, 'B');
75 •
           INSERT INTO SEMSEC VALUES ('CSE1C', 1,'C');
 □ □ □ | \( \frac{\sqrt{\sqrt{\chi}}}{\sqrt{\chi}} \) \( \frac{\chi}{\chi} \) | \( \frac{\chi}{\chi} \) | \( \Q \) \( \Q \) | \( 
  78 • INSERT INTO CLASS VALUES('1RN13CS062', 'CSE8A');
  79 •
              INSERT INTO CLASS VALUES('1RN13CS066','CSE8B');
   80 •
              INSERT INTO CLASS VALUES('1RN13CS091','CSE8C');
  81 • INSERT INTO CLASS VALUES('1RN14CS010', 'CSE7A');
  82 • INSERT INTO CLASS VALUES('1RN14CS025', 'CSE7A');
  83 • INSERT INTO CLASS VALUES('1RN14CS032', 'CSE7A');
  84 • INSERT INTO CLASS VALUES('1RN15CS011', 'CSE4A');
  85 • INSERT INTO CLASS VALUES('1RN15CS029','CSE4A');
  86 •
             INSERT INTO CLASS VALUES('1RN15CS045','CSE4B');
  87 •
              INSERT INTO CLASS VALUES('1RN15CS091','CSE4C');
              INSERT INTO CLASS VALUES('1RN16CS045','CSE3A');
  88 •
  89 • INSERT INTO CLASS VALUES('1RN16CS088','CSE3B');
  90 • INSERT INTO CLASS VALUES('1RN16CS122', 'CSE3C');
  91
  92 • INSERT INTO SUBJECT VALUES ('10CS81', 'ACA', 8, 4);
  93 • INSERT INTO SUBJECT VALUES ('10CS82', 'SSM', 8, 4);
   94 •
              INSERT INTO SUBJECT VALUES ('10CS83','NM', 8, 4);
  95 •
              INSERT INTO SUBJECT VALUES ('10CS84','CC', 8, 4);
  96 • INSERT INTO SUBJECT VALUES ('10CS85','PW', 8, 4);
  97 • INSERT INTO SUBJECT VALUES ('10CS71','00AD', 7, 4);
  98 • INSERT INTO SUBJECT VALUES ('10CS72', 'ECS', 7, 4);
  99 • INSERT INTO SUBJECT VALUES ('10CS73', 'PTW', 7, 4);
 100 • INSERT INTO SUBJECT VALUES ('10CS74','DWDM', 7, 4);
 101 • INSERT INTO SUBJECT VALUES ('10CS75', 'JAVA', 7, 4);
 100 . THEFOT THTO CHRIECT VALUES ("100576" "CAM" 7 A).
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99 • INSERT INTO SUBJECT VALUES ('10CS73', 'PTW', 7, 4);
100 • INSERT INTO SUBJECT VALUES ('10CS74', 'DWDM', 7, 4);
101 • INSERT INTO SUBJECT VALUES ('10CS75', 'JAVA', 7, 4);
102 • INSERT INTO SUBJECT VALUES ('10CS76', 'SAN', 7, 4);
103 • INSERT INTO SUBJECT VALUES ('15CS51', 'ME', 5, 4);
104 • INSERT INTO SUBJECT VALUES ('15CS52','CN', 5, 4);
        INSERT INTO SUBJECT VALUES ('15CS53', 'DBMS', 5, 4);
105 •
106 • INSERT INTO SUBJECT VALUES ('15CS54', 'ATC', 5, 4);
107 • INSERT INTO SUBJECT VALUES ('15CS55','JAVA', 5, 3);
108 • INSERT INTO SUBJECT VALUES ('15CS56', 'AI', 5, 3);
109 • INSERT INTO SUBJECT VALUES ('15CS41','M4', 4, 4);
110 • INSERT INTO SUBJECT VALUES ('15CS42', 'SE', 4, 4);
111 • INSERT INTO SUBJECT VALUES ('15CS43','DAA', 4, 4);
112 • INSERT INTO SUBJECT VALUES ('15CS44', 'MPMC', 4, 4);
113 • INSERT INTO SUBJECT VALUES ('15CS45','00C', 4, 3);
114 • INSERT INTO SUBJECT VALUES ('15CS46','DC', 4, 3);
115 • INSERT INTO SUBJECT VALUES ('15CS31', 'M3', 3, 4);
116 • INSERT INTO SUBJECT VALUES ('15CS32', 'ADE', 3, 4);
117 • INSERT INTO SUBJECT VALUES ('15CS33', 'DSA', 3, 4);
118 • INSERT INTO SUBJECT VALUES ('15CS34','CO', 3, 4);
119 • INSERT INTO SUBJECT VALUES ('15CS35', 'USP', 3, 3);
120 • INSERT INTO SUBJECT VALUES ('15CS36','DMS', 3, 3);
21
22 •
     INSERT INTO IAMARKS (USN, SUBCODE, SSID, TEST1, TEST2, TEST3)VALUES ('1RN13CS091','10CS81','CSE8C', 15, 16,18);
23 • INSERT INTO IAMARKS (USN, SUBCODE, SSID, TEST1, TEST2, TEST3)VALUES ('1RN13CS091','10CS82','CSE8C', 12, 19,14);
24 • INSERT INTO IAMARKS (USN, SUBCODE, SSID, TEST1, TEST2, TEST3) VALUES ('IRN13CS091', '10CS83', 'CSE8C', 19, 15,20);
25 •
      INSERT INTO IAMARKS (USN, SUBCODE, SSID, TEST1, TEST2, TEST3)VALUES ('IRN13CS091','10CS84','CSE8C', 20, 16,19);
26 •
       INSERT INTO IAMARKS (USN, SUBCODE, SSID, TEST1, TEST2, TEST3)VALUES ('IRN13CS091','10CS85','CSE8C', 15, 15,12);
      SELECT * FROM STUDENT;
27 •
     SELECT * FROM SEMSEC;
29 • SELECT * FROM CLASS;
     SELECT * FROM SUBJECT;
30 •
31 • SELECT * FROM IAMARKS;
```

SELECT S.*, SS.SEM, SS.SEC

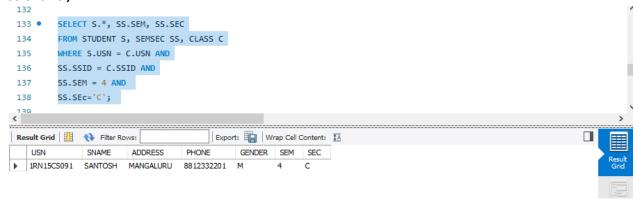
FROM STUDENT S, SEMSEC SS, CLASS C

WHERE S.USN = C.USN AND

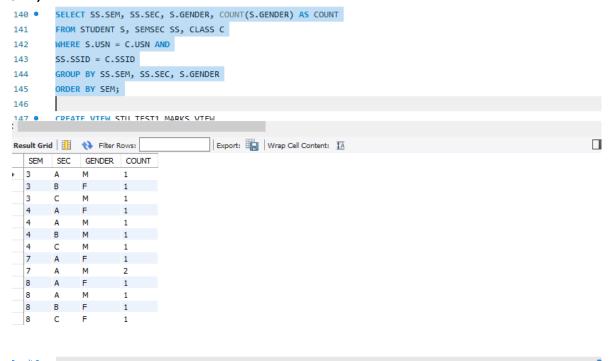
SS.SSID = C.SSID AND

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:



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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192
       SELECT S.USN,S.SNAME,S.ADDRESS,S.PHONE,S.GENDER,
193
WHEN IA.FINALIA BETWEEN 17 AND 20 THEN 'OUTSTANDING'
196
       WHEN IA.FINALIA BETWEEN 12 AND 16 THEN 'AVERAGE'
       ELSE 'WEAK'
197
      END) AS CAT
       FROM STUDENT S, SEMSEC SS, IAMARKS IA, SUBJECT SUB
199
200
       WHERE S.USN = IA.USN AND
Export: Wrap Cell Content: TA
             SNAME ADDRESS
                                       GENDER CAT
  USN
                            PHONE
  1RN13CS091 TEESHA
                   BENGALURU
                             7712312312 F
  1RN13CS091 TEESHA BENGALURU 7712312312 F
                                              WEAK
  1RN13CS091 TEESHA BENGALURU 7712312312 F
                                              WEAK
  1RN13CS091 TEESHA BENGALURU 7712312312 F
                                           WEAK
 1RN13CS091 TEESHA BENGALURU 7712312312 F
```