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SQL PRACTICAL 6.

Q1)-----

```
SQL> SELECT NAME,M_NAME,D_NAME
2 FROM STUDENT S,MAJOR M,DEGREE D
3 WHERE S.DEG_CODE=D.DEG_CODE AND S.MAJOR=M.CODE;
```

Q2)-----

```
SQL> SELECT D_NAME,COUNT(S.DEG_CODE) AS "NUMBER OF
STUDENTS",AVG(CREDITS)/COUNT(S.DEG_CODE) AS "AVG CREDITS HRS PER
STUDENT"
2 FROM DEGREE D,STUDENT S
3 WHERE D.DEG_CODE=S.DEG_CODE
4 GROUP BY D_NAME;
```

Q3)-----

```
SQL> SELECT D_NAME,COUNT(S.DEG_CODE) AS "NUMBER OF
STUDENTS",AVG(CREDITS)/COUNT(S.DEG_CODE) AS "AVG CREDITS PER
STUDENT"
2 FROM DEGREE D,STUDENT S
3 WHERE D.DEG_CODE=S.DEG_CODE
4 HAVING COUNT(S.DEG_CODE)>2
5 GROUP BY D_NAME;
```

Q4)-----

```
SQL> SELECT M_NAME
2 FROM MAJOR M,STUDENT S
3 WHERE M.CODE=S.MAJOR AND DEG_CODE!='BA'
4 GROUP BY M_NAME;
```

Q5)-----

```
SQL> SELECT M_NAME
2 FROM MAJOR M,STUDENT S
3 WHERE M.CODE=S.MAJOR AND GENDER IN('F','M')
4 GROUP BY M_NAME;
```

Q6)-----

```
SQL> SELECT NAME FROM STUDENT
2 WHERE MAJOR='CS';
```

Q7)-----

```
SQL> SELECT NAME,STANDING.*
2 FROM STANDING,STUDENT
3 WHERE STANDING.DEG_CODE=STUDENT.DEG_CODE;
```

Q8)-----

```
SQL> SELECT M_NAME,COUNT(MAJOR) AS "NUMBER OF STUDENT"
2 FROM MAJOR M,STUDENT S
3 WHERE M.CODE=S.MAJOR
4 GROUP BY M_NAME;
```

Q9)-----

```
SQL> SELECT NAME,M_NAME,D_NAME
2 FROM STUDENT S,MAJOR M,DEGREE D
3 WHERE S.MAJOR=M.CODE AND S.DEG_CODE=D.DEG_CODE;
```

Q10)-----

```
SQL> SELECT D_NAME,COUNT(S.DEG_CODE) AS "NUMBER OF FIRST YR
STUDENT"
2 FROM STANDING S,DEGREE D
3 WHERE S.DEG_CODE=D.DEG_CODE AND DESIGNATION='Freshman'
4 GROUP BY D_NAME;
```

Q11)-----

```
SQL> CREATE VIEW STUDENT_STANDING
2 AS SELECT STUDENT.*,NUM,DESIGNATION
3 FROM STUDENT,STANDING,DEGREE
4 WHERE STUDENT.DEG_CODE=DEGREE.DEG_CODE AND
DEGREE.DEG_CODE=STANDING.DEG_CODE;
```