```
/*1*/
SELECT StdFirstName, StdLastName, StdCity, StdGPA
FROM Student
WHERE StdGPA > 3.7;
```

```
+--------------+-------------+---------+--------+
| StdFirstName | StdLastName | StdCity | StdGPA |
+--------------+-------------+---------+--------+
| CRISTOPHER   | COLAN       | SEATTLE |   4.00 |
| WILLIAM      | PILGRIM     | BOTHELL |   3.80 |
+--------------+-------------+---------+--------+
```

```
/*2*/
SELECT StdFirstName, StdLastName, StdGPA
FROM Student
ORDER BY StdGPA DESC;
```

```
+--------------+-------------+--------+
| StdFirstName | StdLastName | StdGPA |
+--------------+-------------+--------+
| CRISTOPHER   | COLAN       |   4.00 |
| WILLIAM      | PILGRIM     |   3.80 |
| MARIAH       | DODGE       |   3.60 |
| CANDY        | KENDALL     |   3.50 |
| TESS         | DODGE       |   3.30 |
| JOE          | ESTRADA     |   3.20 |
| HOMER        | WELLS       |   3.00 |
| WALLY        | KENDALL     |   2.80 |
| BOB          | NORBERT     |   2.70 |
| ROBERTO      | MORALES     |   2.50 |
| LUKE         | BRAZZI      |   2.20 |
+--------------+-------------+--------+
```

```
/*3*/
SELECT *
FROM Course
WHERE CourseNo LIKE 'IS4%';
```

```
+----------+-----------------------------------+----------+
| CourseNo | CrsDesc                           | CrsUnits |
+----------+-----------------------------------+----------+
| IS460    | SYSTEMS ANALYSIS                  |        4 |
| IS470    | BUSINESS DATA COMMUNICATIONS      |        4 |
| IS480    | FUNDAMENTALS OF DATABASE MANAGEMENT |      4 |
+----------+-----------------------------------+----------+
```

```
/*4*/
SELECT OfferNo, CourseNo
FROM Offering
WHERE OffTerm = 'SUMMER' AND FacNo IS NULL;
```

```
+---------+----------+
| OfferNo | CourseNo |
+---------+----------+
|    1111 | IS320    |
|    2222 | IS460    |
+---------+----------+
```

/*5*/
SELECT O.OfferNo, O.CourseNo, F.FacFirstName, F.FacLastName
FROM Offering O
JOIN Faculty F ON O.FacNo = F.FacNo
WHERE O.OffTerm = 'SPRING' AND F.FacRank = 'ASST' AND O.FacNo = F.FacNo;

```
+---------+----------+-------------+------------+
| OfferNo | CourseNo | FacFirstName | FacLastName |
+---------+----------+-------------+------------+
|    3333 | IS320    | LEONARD      | VINCE      |
|    5679 | IS480    | CRISTOPHER   | COLAN      |
+---------+----------+-------------+------------+
```

```
/*6*/
SELECT DISTINCT FacNo
FROM Offering
WHERE FacNo IS NOT NULL;
```

```
+-------------+
| FacNo       |
+-------------+
| 098-76-5432 |
| 543-21-0987 |
| 765-43-2109 |
| 987-65-4321 |
| 876-54-3210 |
| 654-32-1098 |
+-------------+
```

```
/*7*/
SELECT StdFirstName
FROM Student
WHERE StdCity = 'BOTHELL'
UNION
SELECT FacFirstName
FROM Faculty
WHERE FacCity = 'BELLEVUE';
```

```
+-------------+
| StdFirstName |
+-------------+
| BOB         |
| WILLIAM     |
| NICKI       |
+-------------+
```

/*8*/
INSERT INTO Student (StdNo, StdFirstName, StdLastName, StdCity, StdState, StdMajor, StdClass, StdGPA, StdZip)
VALUES ('999-99-9999', 'JOHN', 'DOE', 'LAWRENCE', 'KS', 'FIN', 'FR', 4.0, '66045');

SELECT * FROM Student;

```
+-------------+--------------+-------------+----------+----------+------------+----------+----------+--------+
| StdNo       | StdFirstName | StdLastName | StdCity  | StdState | StdZip     | StdMajor | StdClass | StdGPA |
+-------------+--------------+-------------+----------+----------+------------+----------+----------+--------+
| 123-45-6789 | HOMER        | WELLS       | SEATTLE  | WA       | 98121-1111 | IS       | FR       |  3.00  |
| 124-56-7890 | BOB          | NORBERT     | BOTHELL  | WA       | 98011-2121 | FIN      | JR       |  2.70  |
| 234-56-7890 | CANDY        | KENDALL     | TACOMA   | WA       | 99042-3321 | ACCT     | JR       |  3.50  |
| 345-67-8901 | WALLY        | KENDALL     | SEATTLE  | WA       | 98123-1141 | IS       | SR       |  2.80  |
| 456-78-9012 | JOE          | ESTRADA     | SEATTLE  | WA       | 98121-2333 | FIN      | SR       |  3.20  |
| 567-89-0123 | MARIAH       | DODGE       | SEATTLE  | WA       | 98114-0021 | IS       | JR       |  3.60  |
| 678-90-1234 | TESS         | DODGE       | REDMOND  | WA       | 98116-2344 | ACCT     | SO       |  3.30  |
| 789-01-2345 | ROBERTO      | MORALES     | SEATTLE  | WA       | 98121-2212 | FIN      | JR       |  2.50  |
| 876-54-3210 | CRISTOPHER   | COLAN       | SEATTLE  | WA       | 98114-1332 | IS       | SR       |  4.00  |
| 890-12-3456 | LUKE         | BRAZZI      | SEATTLE  | WA       | 98116-0021 | IS       | SR       |  2.20  |
| 901-23-4567 | WILLIAM      | PILGRIM     | BOTHELL  | WA       | 98113-1885 | IS       | SO       |  3.80  |
| 999-99-9999 | JOHN         | DOE         | LAWRENCE | KS       | 66045      | FIN      | FR       |  4.00  |
+-------------+--------------+-------------+----------+----------+------------+----------+----------+--------+
```

```
/*9*/
UPDATE Student
SET StdMajor = 'ACCT'
WHERE StdFirstName = 'HOMER' AND StdLastName = 'WELLS';

SELECT * FROM Student;
```

+-------------+--------------+-------------+----------+----------+------------+----------+----------+--------+
| StdNo       | StdFirstName | StdLastName | StdCity  | StdState | StdZip     | StdMajor | StdClass | StdGPA |
+-------------+--------------+-------------+----------+----------+------------+----------+----------+--------+
| 123-45-6789 | HOMER        | WELLS       | SEATTLE  | WA       | 98121-1111 | ACCT     | FR       | 3.00 |
| 124-56-7890 | BOB          | NORBERT     | BOTHELL  | WA       | 98011-2121 | FIN      | JR       | 2.70 |
| 234-56-7890 | CANDY        | KENDALL     | TACOMA   | WA       | 99042-3321 | ACCT     | JR       | 3.50 |
| 345-67-8901 | WALLY        | KENDALL     | SEATTLE  | WA       | 98123-1141 | IS       | SR       | 2.80 |
| 456-78-9012 | JOE          | ESTRADA     | SEATTLE  | WA       | 98121-2333 | FIN      | SR       | 3.20 |
| 567-89-0123 | MARIAH       | DODGE       | SEATTLE  | WA       | 98114-0021 | IS       | JR       | 3.60 |
| 678-90-1234 | TESS         | DODGE       | REDMOND  | WA       | 98116-2344 | ACCT     | SO       | 3.30 |
| 789-01-2345 | ROBERTO      | MORALES     | SEATTLE  | WA       | 98121-2212 | FIN      | JR       | 2.50 |
| 876-54-3210 | CRISTOPHER   | COLAN       | SEATTLE  | WA       | 98114-1332 | IS       | SR       | 4.00 |
| 890-12-3456 | LUKE         | BRAZZI      | SEATTLE  | WA       | 98116-0021 | IS       | SR       | 2.20 |
| 901-23-4567 | WILLIAM      | PILGRIM     | BOTHELL  | WA       | 98113-1885 | IS       | SO       | 3.80 |
| 999-99-9999 | JOHN         | DOE         | LAWRENCE | KS       | 66045      | FIN      | FR       | 4.00 |
+-------------+--------------+-------------+----------+----------+------------+----------+----------+--------+

```
/*10*/
SELECT *
FROM Student S
JOIN Faculty F ON S.StdNo = F.FacNo;
+------------+-------------+------------+---------+---------+-----------+---------+---------+-------+------------+---------
-----+-------------+---------+----------+---------+---------+-----------+--------------+------------+-----------+
| StdNo      | StdFirstName | StdLastName | StdCity | StdState | StdZip    | StdMajor | StdClass | StdGPA
| FacNo      | FacFirstName | FacLastName | FacCity | FacState | FacDept | FacRank | FacSalary |
FacSupervisor | FacHireDate | FacZipCode |
+------------+-------------+------------+---------+---------+-----------+---------+---------+-------+------------+---------
-----+-------------+---------+----------+---------+---------+-----------+--------------+------------+-----------+
| 876-54-3210 | CRISTOPHER  | COLAN      | SEATTLE | WA      | 98114-1332 | IS      | SR      |  4.00 |
876-54-3210 | CRISTOPHER  | COLAN      | SEATTLE | WA      | MS      | ASST    | 40000.00 |
654-32-1098  | 2011-03-01  | 98114-1332 |
+------------+-------------+------------+---------+---------+-----------+---------+---------+-------+------------+---------
-----+-------------+---------+----------+---------+---------+-----------+--------------+------------+-----------+
```