

- G. Write an SQL statement to list the names of employees who have worked on a property in Seattle. Use a subquery.

```

SELECT LastName, FirstName
FROM EMPLOYEE
WHERE EmployeeID IN
    (SELECT EmployeeID
     FROM PROPERTY_SERVICE
     WHERE PropertyID IN
        (SELECT PropertyID
         FROM OWNED_PROPERTY
         WHERE City = 'Seattle'));

```

	LastName	FirstName
1	Smith	Sam

- H. Answer question G but use a join using JOIN ON syntax.

```

SELECT E.LastName, E.FirstName
FROM EMPLOYEE as E JOIN PROPERTY_SERVICE as PS
ON E.EmployeeID = PS.EmployeeID
JOIN OWNED_PROPERTY as OP
ON PS.PropertyID = OP.PropertyID
WHERE OP.City = 'Seattle';

```

	LastName	FirstName
1	Smith	Sam

- I. Write an SQL statement to list the names of employees who have worked on a property owned by a Corporation. Use a subquery.

```

SELECT LastName, FirstName
FROM EMPLOYEE
WHERE EmployeeID IN
    (SELECT EmployeeID
     FROM PROPERTY_SERVICE
     WHERE PropertyID IN
        (SELECT PropertyID
         FROM OWNED_PROPERTY
         WHERE OwnerID IN
            (SELECT OwnerID
             FROM OWNER
             WHERE OwnerType = 'Corporation')));

```

	LastName	FirstName
1	Smith	Sam
2	Murray	Dale
3	Murphy	Jerry

J. Answer question I but use a join using JOIN ON syntax.

Note the use of the SQL keyword DISTINCT:

```
SELECT DISTINCT E.LastName, E.FirstName
FROM EMPLOYEE as E JOIN PROPERTY_SERVICE as PS
ON E.EmployeeID = PS.EmployeeID
JOIN OWNED_PROPERTY as OP
ON PS.PropertyID = OP.PropertyID
JOIN OWNER as O
ON OP.OwnerID = O.OwnerID
WHERE O.OwnerType = 'Corporation';
```

	LastName	FirstName
1	Murphy	Jery
2	Murray	Dale
3	Smith	Sam

K. Write an SQL statement to show the name and sum of hours worked for each employee.

```
SELECT LastName, FirstName,
SUM(HoursWorked) AS TotalHoursWorked
FROM EMPLOYEE JOIN PROPERTY_SERVICE
ON EMPLOYEE.EmployeeID = PROPERTY_SERVICE.EmployeeID
GROUP BY LastName, FirstName
ORDER BY LastName, FirstName;
```

	LastName	FirstName	TotalHoursWorked
1	Evanston	John	9.25
2	Fontaine	Joan	5.00
3	Murphy	Jery	23.50
4	Murray	Dale	4.50
5	Smith	Sam	10.50