

Heimaverkefni 10

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Dæmi 1

```
SELECT Lname
FROM EMPLOYEE
WHERE Ssn in
    (SELECT Ssn
     FROM EMPLOYEE
     WHERE Super_ssn in
        (SELECT Ssn
         FROM EMPLOYEE
         WHERE Super_ssn is null
        )
    );
```

Dæmi 2

```
SELECT Lname
FROM EMPLOYEE
WHERE Ssn is
    (SELECT mgr_ssn
     FROM DEPARTMENT
    );
```

Dæmi 3

```
SELECT Lname
FROM EMPLOYEE
WHERE NOT EXISTS
    (SELECT *
     FROM WORKS_ON, PROJECT
     WHERE Pno = Pnumber AND Essn = Ssn
    );
```

Dæmi 4

```
SELECT Fname, Lname
FROM EMPLOYEE
WHERE NOT EXISTS
    (SELECT *
     FROM WORKS_ON
     WHERE NOT EXISTS
        (SELECT *
         FROM PROJECT
         WHERE Pno = Pnumber AND Ssn = Essn
        )
    );
```