Heimaverkefni 3

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Dæmi 1

(a)

```
SELECT class, country FROM Classes WHERE numGuns>=4;
```

(b)

```
SELECT name AS nafn FROM Ships WHERE launched < 1930;
```

(c)

```
SELECT * FROM Ships WHERE name = class;
```

(d)

```
SELECT * FROM Ships WHERE name Like 'E%';
```

Dæmi 2

Product

```
CREATE TABLE Product(
    ( title VARCHAR(255)
    , maker VARCHAR(255)
    , model VARCHAR(255)
    , type VARCHAR(255)
    );
```

PC

```
CREATE TABLE PC
    ( title VARCHAR(255)
    , model VARCHAR(255)
    , Speed FLOAT
    , ram INT
    , hd INT
    , Price INT
    );
```

Laptop

```
CREATE TABLE Laptop
    ( title VARCHAR(255)
    , model VARCHAR(255)
    , Speed FLOAT
    , ram INT
    , hd INT
    , screen INT
    , Price INT
    );
```

Printer

```
CREATE TABLE Printer
    ( title VARCHAR(255)
    , model VARCHAR(255)
    , color VARCHAR(255)
    , type VARCHAR(255)
    , Price INT
    );
```

Dæmi 3

(a)

```
SELECT name
FROM MovieStar, StarsIn
WHERE gender = 'F' AND
    name = starName AND
    movieTitle = 'Titanic';
```

(b)

```
SELECT name
FROM MovieStar, StarsIn, Movie
WHERE name = starName AND
    movieTitle = title AND
    studioName = 'Paramount' AND
    movieYear = 1980;
```

(c)

```
SELECT MovieExec.name
FROM Studio, MovieExec
WHERE Studio.name = 'Paramount' AND
    presC = cert;
```

(d)

```
SELECT M1.title
FROM Movie AS M1, Movie AS M2
WHERE M2.title = 'Star Wars'
    AND M1.length > M2.length;
```

(e)

```
SELECT ME1.name
FROM MovieExec AS ME1, MovieExec AS ME2
WHERE ME2.name = 'George Lucas' AND
    ME1.netWorth > ME2.netWorth;
```