Heimadæmi 3

Arnar Sigurðsson

1. a) SELECT class, country FROM Classes WHERE numGuns>4;
b) SELECT name AS "nafn" FROM Ships WHERE launched<1934;
c) SELECT * FROM Ships WHERE name <> class;
d) SELECT name FROM Ships WHERE name LIKE "R%";

2. a) CREATE TABLE Product(
        maker varchar(20),
        model varchar(20) PRIMARY KEY,
        type varchar(20)
        );
b) CREATE TABLE PC(
        model varchar(20) PRIMARY KEY,
         speed float,
         ram int,
         hd int,
         price int
         );
c) CREATE TABLE Laptop(
        model varchar(20) PRIMARY KEY,
        speed float,
        ram int,
        hd int,
        screen float,
        price int
        );
d) CREATE TABLE Printer(
        model varchar(20) PRIMARY KEY,
        color boolean,
        type varchar(20),
        price int
        );

3. a) SELECT starName FROM StarsIn, MovieStar WHERE StarsIn.movieTitle = "Titanic" AND StarsIn.starName = MovieStar.name AND MovieStar.gender = "M";
b) SELECT DISTINCT starName FROM StarsIn, Movie WHERE Movie.title = StarsIn.movieTitle AND Movie.studioName = "MGM" AND Movie.year = "1980";
c) SELECT MovieExec.name FROM MovieExec, Studio WHERE Studio.name = "MGM" AND MovieExec.cert = Studio.presC;
d) SELECT title FROM Movie WHERE length > (SELECT length FROM Movie WHERE title = "Star Wars");
e) SELECT name FROM MovieExec WHERE netWorth > (SELECT netWorth FROM MovieExec WHERE name ="Merv Griffin");