-- 1.1

SELECT \* FROM Campus;

c111 Pasila Rautatienkatu 13 00520 Helsinki

c222 Malmi Hietakummuntie 1 A 00700 Helsinki

c333 Vierumäki Kaskelantie 10 19120 Vierumäki

c444 Porvoo Taidetehtaankatu 1 06100 Porvoo

-- 1.2

SELECT city, campus\_name FROM Campus

ORDER BY city;

Helsinki Pasila

Helsinki Malmi

Porvoo Porvoo

Vierumäki Vierumäki

-- 1.3

SELECT sanction\_code, SanctionType.description, SanctionType.decision\_maker FROM SanctionType

ORDER BY sanction\_code DESC;

s003 Expulsion Board of the University

s002 Written warning President of the University

s001 Oral warning Head of faculty

-- 1.4

SELECT misconduct\_code, MisconductType.description FROM MisconductType

ORDER BY description ASC;

m004 Assisting another student to cheat (e.g., by allowing own coursework to be copied)

m007 Cheating in an exam

m008 Collusion (unauthorized collaboration)

m003 Copying of coursework from another student

m014 Disturbing teaching or fellow students

m001 Dual submission (submitting own work, which already has been graded for an earlier course, for a second course)

m009 Fabrication (making things up in research-oriented coursework)

m010 Falsification (modifying data in research-oriented coursework)

m002 Falsifying a list of attendees

m005 Freeloading in a group work assignment

m006 Giving false information to University staff to gain an academic advantage

m012 Lack of citation or improper citation

m015 Refusal to take a drug test

m011 Submitting a paper or assignment that is retrieved from the Internet or a paper-mill

m013 Use of intoxicants or being under the influence of intoxicants

--1.5

SELECT teacher\_number, Teacher.surname, Teacher.first\_name FROM Teacher

ORDER BY Teacher.surname ASC;

h999 Kiisseli Marja

h180 Kokki Seppo

h777 Matikka Mauri

h303 Ponteva Veli

h290 Saari Sisko

h560 Tahko Olka

h714 Tahko Olka

h784 Vainio Veera

h430 Virta Emma

--1.6

SELECT Student.student\_number, Student.surname, Student.first\_name, Student.birth\_date, Student.gender FROM Student

WHERE Student.gender = 'F'

ORDER BY student\_number ASC;

o148 Rentukka Sanna 1985-10-22 F

o348 Käki Kaarina 1985-04-03 F

o410 Liimatta Leila 1969-03-03 F

o548 Vuori Valma 1984-10-10 F

o558 Hullerus Greta 1977-03-28 F

o654 Laine Rosina 1978-05-07 F

--1.7

SELECT Teacher.teacher\_number, Teacher.surname, Teacher.first\_name, Teacher.salary

FROM Teacher

WHERE salary > 16000

ORDER BY salary DESC;

h999 Kiisseli Marja 25000.00

h430 Virta Emma 18100.00

h784 Vainio Veera 16049.00

--1.8

SELECT Teacher.teacher\_number FROM Teacher

WHERE surname = 'Vainio' AND first\_name = 'Veera';

h784

--1.9

SELECT CourseGrade.examiner, CourseGrade.course\_code, CourseGrade.instance\_number, CourseGrade.student\_number, CourseGrade.grade

FROM CourseGrade

WHERE examiner = 'h784'

ORDER BY course\_code ASC;

h784 a480 2 o298 3

h784 a480 1 o354 2

h784 a480 2 o473 0

--1.10

SELECT CourseInstance.start\_date, CourseInstance.end\_date, CourseInstance.course\_code, CourseInstance.instance\_number

FROM CourseInstance

WHERE year(start\_date) = 2007

ORDER BY start\_date ASC;

2007-01-03 2007-02-25 a450 1

2007-02-10 2007-04-22 a480 1

2007-03-15 2007-05-30 a730 1

2007-08-01 2007-09-15 a290 1

2007-08-20 2007-10-05 a730 2

2007-10-01 2007-11-20 a730 3

2007-12-01 2008-02-10 a450 2

--1.11

SELECT Student.gender, Student.birth\_date, Student.surname, Student.first\_name

FROM Student

WHERE surname LIKE '[A-K]%'

ORDER BY gender DESC, birth\_date ASC;

M 1967-02-27 Kaarlo Kuikka

M 1977-03-28 Keto Martti

M 1980-08-31 Kuikka Kaarlo

M 1981-05-22 Huhta Usko

M 1986-05-17 Keto Matti

F 1977-03-28 Hullerus Greta

F 1985-04-03 Käki Kaarina

--1.13

SELECT table\_name

FROM information\_schema.tables

ORDER BY table\_name;

AcademicAdvisor

Campus

Course

CourseGrade

CourseInstance

Cyclist

Department

MisconductIncident

--1.14

SELECT table\_name, column\_name, data\_type, character\_maximum\_length,

numeric\_precision, numeric\_scale, is\_nullable

FROM information\_schema.columns

WHERE table\_name = 'Teacher';

Teacher teacher\_number char 4 NULL NULL NO

Teacher first\_name varchar 8 NULL NULL NO

Teacher surname varchar 8 NULL NULL NO

Teacher birth\_date date NULL NULL NULL NO

Teacher gender char 1 NULL NULL NO

Teacher salary decimal NULL 8 2 NO

Teacher email varchar 50 NULL NULL YES

Teacher phone varchar 10 NULL NULL YES

--1.15

SELECT table\_catalog, table\_name, constraint\_name, constraint\_type

FROM information\_schema.table\_constraints

ORDER BY table\_name, constraint\_name;

master AcademicAdvisor CHK\_AcademicAdvisor\_end\_date CHECK

master AcademicAdvisor FK\_AcademicAdvisor\_Campus FOREIGN KEY

master AcademicAdvisor FK\_AcademicAdvisor\_Teacher FOREIGN KEY

master AcademicAdvisor PK\_AcademicAdvisor PRIMARY KEY

master Campus AK\_Campus UNIQUE

master Campus PK\_Campus PRIMARY KEY

master Course AK\_Course UNIQUE

master Course CHK\_Course\_credits CHECK

master Course FK\_Course\_Teacher FOREIGN KEY