#1

create table `mountains` (

id int primary key auto\_increment not null,

name varchar(45) not null

);

create table `peaks` (

id int primary key auto\_increment not null,

name varchar(45) not null,

mountain\_id int,

constraint fk\_mountain\_id foreign key (mountain\_id) references `mountains`(id)

on update cascade

on delete set null

);

#2

SELECT

v.driver\_id,

v.vehicle\_type,

CONCAT(c.first\_name, ' ', c.last\_name) AS 'driver\_name'

FROM

vehicles AS v

JOIN

campers AS c ON v.driver\_id = c.id;

#3

SELECT

starting\_point AS 'route\_starting\_point',

end\_point AS 'route\_ending\_point',

leader\_id,

CONCAT(c.first\_name, ' ', c.last\_name) AS 'leader\_name'

FROM

routes AS r

JOIN

campers AS c ON r.leader\_id = c.id;

#4

CREATE TABLE `mountains` (

id INT PRIMARY KEY AUTO\_INCREMENT NOT NULL,

name VARCHAR(45) NOT NULL

);

CREATE TABLE `peaks` (

id INT PRIMARY KEY AUTO\_INCREMENT NOT NULL,

name VARCHAR(45) NOT NULL,

mountain\_id INT,

CONSTRAINT fk\_peaks\_mountains FOREIGN KEY (mountain\_id)

REFERENCES `mountains` (id)

on delete cascade

);