First Task:

List all rental records (start date, end date) with vehicle's registration number,

-- brand, and customer name, sorted by vehicle's categories followed by start date.

-- הצג את כל הרישומים של ההשכרה (תאריכים) ביחד עם מספר הרשומה של הרכב, היצרן , ושם הלקוח , ממויין לפי הקטגוריות של הרכבים ולאחר מכן תאריך ההתחלה

SELECT

`rental\_records`.`start\_date`,

`rental\_records`.`end\_date`,

`rental\_records`.`veh\_reg\_no`,

`vehicles`.`brand`,

`customers`.`name`,

`vehicles`.`category`

FROM

rental\_records,

customers,

vehicles

ORDER BY

vehicles.category asc,start\_date asc;

task 2:

SELECT

`rental\_db`.`customers`.`name`,

`rental\_records`.`veh\_reg\_no`,

`rental\_records`.`start\_date`,

`rental\_records`.`end\_date`

FROM

rental\_db.customers,

rental\_db.rental\_records,

rental\_db.vehicles

WHERE rental\_db.rental\_records.`start\_date` <= '2012-01-10' && rental\_db.rental\_records.`end\_date` >= '2012-01-10' ;

Task 3:

-- List the vehicles (registration number, brand and description) rented out

-- for the period from '2012-01-03' to '2012-01-18'.

-- (Hint: start\_date is inside the range; or end\_date is inside the range;

-- or start\_date is before the range and end\_date is beyond the range.)

SELECT

`vehicles`.`veh\_reg\_no`,

`vehicles`.`brand`,

`vehicles`.`desc`

FROM

`rental\_db`.`vehicles`,

`rental\_db`.`rental\_records`,

`rental\_db`.`customers`

WHERE

`rental\_db`.`rental\_records`.`start\_date` >= '2012-01-03'

&&

`rental\_db`.`rental\_records`.`start\_date` <= '2012-01-18'

Task 4:

-- List the vehicles (registration number, brand and description)

-- available for rental (not rented out) on '2012-01-10'

-- (Hint: You could use a subquery based on a earlier query).

-- wanted date is 01-10

SELECT

`rental\_records`.`start\_date`,

`rental\_records`.`end\_date`,

`vehicles`.`veh\_reg\_no`,

`vehicles`.`brand`,

`vehicles`.`desc`

FROM

`rental\_db`.`rental\_records`,

`rental\_db`.`vehicles`

WHERE

`rental\_db`.`rental\_records`.`start\_date` < '2012-01-10'

&& `rental\_db`.`rental\_records`.`end\_date` < '2012-01-10';