1. Who is the customer who spent the most on rental movies? Return his/her customer id, first

name and the amount spent.

Ans:

mysql> mysql> select sum(payment.amount), payment.customer\_id,customer.first\_name from

payment,customer where payment.customer\_id = customer.customer\_id group by custo

mer\_id order by sum(amount) desc limit 1;

+---------------------+-------------+------------+

| sum(payment.amount) | customer\_id | first\_name |

+---------------------+-------------+------------+

| 221.55 | 526 | KARL |

+---------------------+-------------+------------+

1 row in set (0.36 sec)

2. Give an interesting query of your own that is not already in the assignment. The query should involve at least two joins, HAVING clause and aggregation operation. Give the English explanation and the answer.

Ans:

Display actors names who has more than one film released in a year along with film names and number of films.

mysql> create view title\_rel as select film\_actor.actor\_id, film\_actor.film\_id,film.film\_id, film.title,film.release\_year from film\_actor,film where film\_actor.actor\_id = film.film\_id order by film\_actor.actor\_id;

mysql> select title\_rel.actor\_id,count(title\_rel.film\_id) as nbrfilm,title\_rel.release\_year,actor.first\_name,actor.last\_name from title\_rel,actor where title\_rel.actor\_id = actor.actor\_id group by title\_rel.actor\_id,title\_rel.release\_year having nbrfilm > 1;

200 rows in set (0.04 sec)