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

name and the amount spent.

Ans:

create view amount\_spent as

select customer\_id,sum(amount) as total\_amount

from payment

group by customer\_id;

select a.customer\_id, a.total\_amount,c.first\_name

from amount\_spent a

join customer c

on a.customer\_id = c.customer\_id

where a.total\_amount = (select max(total\_amount) from amount\_spent);

RESULT:

customer\_id total\_amount first\_name

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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 explana-

tion and the answer.

Ans:

select l.name ,act.first\_name

FROM actor act

inner join film\_actor fa

on fa.actor\_id=act.actor\_id

inner join film f

on f.film\_id=fa.film\_id

inner join language l

on l.language\_id=f.language\_id

order by act.first\_name ;

RESULT:

name first\_name

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