**#Assignment27.2\_Session27**

**#Problem**

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

#name and the amount spent.

#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.

**#Answer**

#1

To get the max amount spend by customer along with its first name and customer\_id associated with it

SELECT customer.first\_name,payment.customer\_id,MAX(payment.amount) AS AmountSpent FROM customer,payment INNER JOIN rental ON payment.rental\_id = rental.rental\_id ;

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

| first\_name | customer\_id | AmountSpent |

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

| MARY | 1 | 11.99 |

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

1 row in set (3.81 sec)

#2

To get first name and payment\_id along with use of one aggregate function count to count rental\_id moreover using two inner join and having clause to have it more than equal to 0

SELECT customer.first\_name,payment.payment\_id,COUNT(rental.rental\_id) AS NumberOfRentals FROM ((payment INNER JOIN customer ON payment.customer\_id = customer.customer\_id) INNER JOIN rental ON rental.rental\_id = payment.rental\_id) HAVING COUNT(rental.rental\_id) >=0 LIMIT 20;

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

| first\_name | payment\_id | NumberOfRentals |

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

| MARY | 1 | 16044 |

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