

## #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           |
+-----+-----+-----+
```