

-- Question 1 Lab --

```
Select *  
from `actor`  
where `first_name` = 'Scarlett';
```

-- Question 2 Lab --

```
select count(distinct(film_id)) as number_of_movies_available  
from inventory;
```

```
select count(distinct(rental_id)) as total_rentals  
from rental;
```

-- Question 3 Lab --

```
select min(length) as Shortest_duration, max(length) as Longest_duration  
from film;
```

-- Question 4 Lab --

```
select avg(length) as average_duration  
from film;
```

-- Question 5 Lab --

```
select count(distinct(last_name))  
from actor;
```

-- Question 6 Lab --

```
select datediff(max(rental_date), min(rental_date)) as Difference  
from rental;
```

-- Question 7 Lab --

```
select *, date_format(convert(rental_date,date), '%M') as month_rented,  
dayofweek(SUBSTR(rental_date,1,10)) as weekday  
from rental;
```

-- Question 8 ---

```
select *, date_format(convert(rental_date,date), '%M') as month_rented,  
dayofweek(SUBSTR(rental_date,1,10)) as weekday,  
case  
when dayofweek(SUBSTR(rental_date,1,10)) in (6,7) then 'Weekend'  
else 'Weekday'  
end as Weekend_Weekday  
from rental;
```

-- Question 9 Lab---