

Lab 2

Views:

1. Create a view showing total payments per customer.
2. Create a view of all PG-13 rating films with their actors.
3. Create a view showing films and their Categories.
4. Identify which columns need indexes to optimize this query and create them.

```
SELECT customer_id FROM rental  
WHERE rental_date > '2005-05-25';
```

5. Create a composite index to speed up this query.

```
SELECT * FROM film  
WHERE rating = 'PG' AND rental_duration= 7;
```

Built-in functions:

1. Show the rental date and how many days have passed since each rental.
2. List customer names and the year they joined.
3. For each payment, show a label: 'High' if amount > 8, 'Medium' if > 5, else 'Low'.
4. Show the payment amount and replace any null values with 0.