3.5

1. Film title contains the word *Uptown* in any position:

```
SELECT Film_id, title, description
FROM Film
WHERE title Like '%Uptown%'
```

2. Film length is more than 120 minutes and rental rate is more than 2.99:

```
SELECT Film_id, title, length, rental_rate
FROM Film
WHERE length > 120 AND rental_rate > 2.99
Order by length asc, rental_rate asc
```

3. Rental duration is between 3 and 7 days (where 3 and 7 aren't inclusive)

```
SELECT Film_id, title, rental_duration
FROM Film
WHERE rental_duration > 3 AND rental_duration < 7
Order by rental_duration asc
```

4. Film replacement cost is less than 14.99

```
SELECT Film_id, title, replacement_cost
FROM Film
WHERE replacement_cost < 14.99
Order by replacement_cost
```

5. Film rating is either PG or G

```
SELECT Film_id, title, rating
FROM Film
WHERE rating IN ('PG', 'G')
```

Order by rating

6. Download your SQL queries outputs as CSV files using the pgadmin inbuilt functionality. Merge them into one Excel file (.xlsx) and create a separate sheet for each query (label them 1a, 1b, 1c, etc.). You'll use this file for all further questions in this Task too.

3.5_Exercise_Complied.xlsx

7. The query you wrote in step 1e returned a list of movies that meet certain criteria (film rating is either PG or G). The inventory team has asked for the following information about this list:
   - Count of the movies

   ```
   SELECT rating, COUNT(film_id) AS count_of_movies
   FROM Film
   WHERE rating IN ('PG', 'G')
   GROUP by rating
   ```

   - Average rental rate

   ```
   SELECT rating, AVG(rental_rate) AS avg_rental_rate
   FROM Film
   WHERE rating IN ('PG', 'G')
   GROUP by rating
   ```

   - Maximum rental duration and minimum rental duration

   ```
   SELECT rating, MAX (rental_duration) AS max_rental_duration, MIN
   (rental_duration) AS min_rental_duration
   FROM Film
   WHERE rating IN ('PG', 'G')
   GROUP by rating
   ```