1a. Create a list of all the different replacement cost of the films

Ans: select distinct(replacement\_cost) as replacement\_cost from film

1b. Determine the lowest replacement cost

Ans: select distinct(replacement\_cost) as replacement\_cost from film

order by replacement\_cost asc

result: 9.99

2a. Write a query that gives an overview of how many films have replacement costs in the following cost ranges

1. low 9.99 – 19.99
2. medium 20 – 24.99
3. High > 29.99

Ans: select count(replacement\_cost),

case

when replacement\_cost between 9.99 and 19.99 then 'Low'

when replacement\_cost between 19.99 and 24.99 then 'Medium'

when replacement\_cost > 29.99 then 'High'

End as category

from film

group by category

2b. How many films have a replacement cost in the low group

Ans: 514

3a. Create a list of the film titles including their title, length and category name ordered descending by the length. Filter the results to only the movies in the category drama or sports

Ans: select title, length, name as category from category ca

left join film\_category fc

on ca.category\_id = fc.category\_id

left join film as f

on f.film\_id = fc.film\_id

where name IN ('Drama', 'Sports')

order by length desc

3b. In which category is the longest film and how long is it?

Ans: sports, 184

4a.