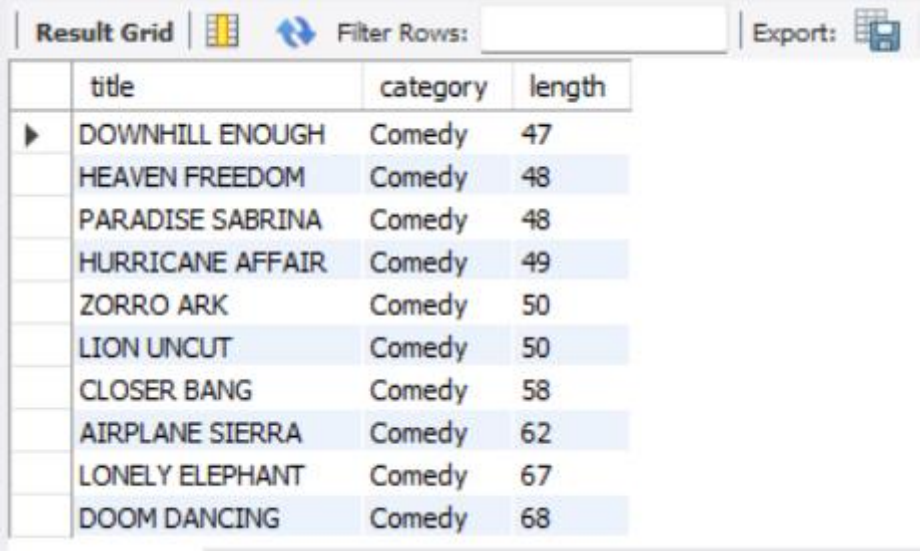


Benjamin Nikholas Partomuan

Tugas 15 – 30 Mei 2024

No	Soal	Query	Output																																												
1	Tampilkan daftar 10 film komedi dengan durasi tersingkat. Urutkan data berdasarkan film dengan durasi terpendek. Kolom yang diwajibkan tampil adalah title, category dan length	<pre>select title, category, length from film_list where category = 'Comedy' order by length asc limit 10;</pre>	 <p>The screenshot shows a 'Result Grid' interface with a table of 10 comedy movies. The columns are 'title', 'category', and 'length'. The movies are sorted by length in ascending order. The interface includes a 'Filter Rows' search bar and an 'Export' button.</p> <table><thead><tr><th></th><th>title</th><th>category</th><th>length</th></tr></thead><tbody><tr><td>▶</td><td>DOWNHILL ENOUGH</td><td>Comedy</td><td>47</td></tr><tr><td></td><td>HEAVEN FREEDOM</td><td>Comedy</td><td>48</td></tr><tr><td></td><td>PARADISE SABRINA</td><td>Comedy</td><td>48</td></tr><tr><td></td><td>HURRICANE AFFAIR</td><td>Comedy</td><td>49</td></tr><tr><td></td><td>ZORRO ARK</td><td>Comedy</td><td>50</td></tr><tr><td></td><td>LION UNCUT</td><td>Comedy</td><td>50</td></tr><tr><td></td><td>CLOSER BANG</td><td>Comedy</td><td>58</td></tr><tr><td></td><td>AIRPLANE SIERRA</td><td>Comedy</td><td>62</td></tr><tr><td></td><td>LONELY ELEPHANT</td><td>Comedy</td><td>67</td></tr><tr><td></td><td>DOOM DANCING</td><td>Comedy</td><td>68</td></tr></tbody></table>		title	category	length	▶	DOWNHILL ENOUGH	Comedy	47		HEAVEN FREEDOM	Comedy	48		PARADISE SABRINA	Comedy	48		HURRICANE AFFAIR	Comedy	49		ZORRO ARK	Comedy	50		LION UNCUT	Comedy	50		CLOSER BANG	Comedy	58		AIRPLANE SIERRA	Comedy	62		LONELY ELEPHANT	Comedy	67		DOOM DANCING	Comedy	68
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2	Tampilkan daftar lengkap kategori film beserta jumlah film tiap kategori & rata-rata harga sewa DVD film tiap kategori. Urutkan data dari kategori dengan jumlah film terbanyak. Kolom yang diwajibkan ada minimal adalah kategori, jumlah film dan rata-rata harga sewa.	<pre> select category as kategori, count(title) as jumlahMovie, sum(price)/count(title) as rataHargaSewa from film_list group by category order by jumlahMovie desc; </pre>	<div> Result Grid Filter Rows: Export: Wrap Cell Content: </div> <table> <thead> <tr> <th></th><th>kategori</th><th>jumlahMovie</th><th>rataHargaSewa</th></tr> </thead> <tbody> <tr><td>▶</td><td>Foreign</td><td>73</td><td>3.099589</td></tr> <tr><td></td><td>Sports</td><td>73</td><td>3.099589</td></tr> <tr><td></td><td>Family</td><td>69</td><td>2.758116</td></tr> <tr><td></td><td>Documentary</td><td>68</td><td>2.666471</td></tr> <tr><td></td><td>Animation</td><td>66</td><td>2.808182</td></tr> <tr><td></td><td>Action</td><td>64</td><td>2.646250</td></tr> <tr><td></td><td>New</td><td>63</td><td>3.116984</td></tr> <tr><td></td><td>Sci-Fi</td><td>61</td><td>3.219508</td></tr> <tr><td></td><td>Drama</td><td>61</td><td>2.990000</td></tr> <tr><td></td><td>Games</td><td>61</td><td>3.252295</td></tr> </tbody> </table>		kategori	jumlahMovie	rataHargaSewa	▶	Foreign	73	3.099589		Sports	73	3.099589		Family	69	2.758116		Documentary	68	2.666471		Animation	66	2.808182		Action	64	2.646250		New	63	3.116984		Sci-Fi	61	3.219508		Drama	61	2.990000		Games	61	3.252295
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3	Tampilkan daftar lengkap rating film beserta keterangan arti rating & jumlah film tiap rating. Kolom yang diwajibkan ada minimal adalah rating, keterangan rating dan jumlah film.	<pre> select rating, CASE WHEN rating = 'G' THEN 'General Audiences' WHEN rating = 'PG' THEN 'Parental Guidance Suggested' WHEN rating = 'PG-13' THEN 'Parental Guidance for Children Under 13' WHEN rating = 'R' THEN 'Restricted' WHEN rating = 'NC-17' THEN 'No Children Under 17 Admitted' ELSE 'Unknown' END AS keterangan, count(title) as jumlahMovie from film_list group by rating order by rating; </pre>	<div> Result Grid Filter Rows: Export: </div> <table> <thead> <tr> <th></th><th>rating</th><th>keterangan</th><th>jumlahMovie</th></tr> </thead> <tbody> <tr><td>▶</td><td>G</td><td>General Audiences</td><td>177</td></tr> <tr><td></td><td>PG</td><td>Parental Guidance Suggested</td><td>194</td></tr> <tr><td></td><td>PG-13</td><td>Parental Guidance for Children Under 13</td><td>223</td></tr> <tr><td></td><td>R</td><td>Restricted</td><td>193</td></tr> <tr><td></td><td>NC-17</td><td>No Children Under 17 Admitted</td><td>210</td></tr> </tbody> </table>		rating	keterangan	jumlahMovie	▶	G	General Audiences	177		PG	Parental Guidance Suggested	194		PG-13	Parental Guidance for Children Under 13	223		R	Restricted	193		NC-17	No Children Under 17 Admitted	210																				
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4	Tampilkan daftar 10 aktor/aktris yang paling banyak membintangi film. Kolom yang ditampilkan minimal: id aktor, nama depan, nama belakang dan jumlah film yang dibintangi kemudian urutkan dari aktor/aktris yang membintangi film terbanyak.	<pre>select a.aktor_id, a.first_name, a.last_name, count(film_id) as jumlah_Movie from actor as a left join film_actor as fa on a.aktor_id = fa.aktor_id group by a.aktor_id order by jumlah_Movie desc, first_name desc limit 10;</pre>	<div>Result Grid Filter Rows: <input type="text"/> Export: </div> <table><thead><tr><th></th><th>aktor_id</th><th>first_name</th><th>last_name</th><th>jumlah_Movie</th></tr></thead><tbody><tr><td>▶</td><td>107</td><td>GINA</td><td>DEGENERES</td><td>42</td></tr><tr><td></td><td>102</td><td>WALTER</td><td>TORN</td><td>41</td></tr><tr><td></td><td>198</td><td>MARY</td><td>KEITEL</td><td>40</td></tr><tr><td></td><td>181</td><td>MATTHEW</td><td>CARREY</td><td>39</td></tr><tr><td></td><td>23</td><td>SANDRA</td><td>KILMER</td><td>37</td></tr><tr><td></td><td>81</td><td>SCARLETT</td><td>DAMON</td><td>36</td></tr><tr><td></td><td>158</td><td>VIVIEN</td><td>BASINGER</td><td>35</td></tr><tr><td></td><td>37</td><td>VAL</td><td>BOLGER</td><td>35</td></tr><tr><td></td><td>13</td><td>UMA</td><td>WOOD</td><td>35</td></tr><tr><td></td><td>60</td><td>HENRY</td><td>BERRY</td><td>35</td></tr></tbody></table>		aktor_id	first_name	last_name	jumlah_Movie	▶	107	GINA	DEGENERES	42		102	WALTER	TORN	41		198	MARY	KEITEL	40		181	MATTHEW	CARREY	39		23	SANDRA	KILMER	37		81	SCARLETT	DAMON	36		158	VIVIEN	BASINGER	35		37	VAL	BOLGER	35		13	UMA	WOOD	35		60	HENRY	BERRY	35
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5	Dari soal sebelumnya diketahui Gina Degeneres merupakan aktris yang paling banyak membintangi film, dengan total 42 judul film. Kategori film apakah yang paling banyak dibintanginya? Untuk mengetahuinya, tampilkan daftar kategori film beserta jumlah film yang pernah dibintangi oleh Gina	<pre>select fl.category, count(fl.title) as jumlah_Movie from actor as a left join film_actor as fa on a.aktor_id = fa.aktor_id left join film_list as fl on fa.film_id = fl.FID where (a.first_name = 'GINA') & (a.last_name = 'DEGENERES') group by fl.category;</pre>	<div>Result Grid Filter Rows: <input type="text"/> Export: </div> <table><thead><tr><th></th><th>category</th><th>jumlah_Movie</th></tr></thead><tbody><tr><td>▶</td><td>Documentary</td><td>3</td></tr><tr><td></td><td>Foreign</td><td>2</td></tr><tr><td></td><td>Music</td><td>4</td></tr><tr><td></td><td>New</td><td>1</td></tr><tr><td></td><td>Sci-Fi</td><td>7</td></tr><tr><td></td><td>Action</td><td>3</td></tr><tr><td></td><td>Drama</td><td>2</td></tr><tr><td></td><td>Animation</td><td>4</td></tr><tr><td></td><td>Horror</td><td>1</td></tr><tr><td></td><td>Family</td><td>4</td></tr></tbody></table>		category	jumlah_Movie	▶	Documentary	3		Foreign	2		Music	4		New	1		Sci-Fi	7		Action	3		Drama	2		Animation	4		Horror	1		Family	4																						
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	Degeneres. Kolom yang diwajibkan ada yaitu kategori film dan jumlah film yang dibintangi.																										
6	Dari soal sebelumnya diketahui Gina Degeneres paling banyak membintangi film bergenre science-fiction, dengan total 7 judul film. Tampilkan daftar judul film sci-fi yang pernah dibintangi oleh Gina Degeneres. Kolom yang diwajibkan ada yaitu judul film dan kategorinya.	<pre>select fl.title, fl.category from actor as a left join film_actor as fa on a.actor_id = fa.actor_id left join film_list as fl on fa.film_id = fl.FID where (a.first_name = 'GINA') & (a.last_name = 'DEGENERES') & (fl.category = 'Sci-Fi');</pre>	<div>Result Grid Filter Rows: <input type="text"/> Export: </div> <table><tr><th></th><th>title</th><th>category</th></tr><tr><td>▶</td><td>CHARIOTS CONSPIRACY</td><td>Sci-Fi</td></tr><tr><td></td><td>COLDBLOODED DARLING</td><td>Sci-Fi</td></tr><tr><td></td><td>FRISCO FORREST</td><td>Sci-Fi</td></tr><tr><td></td><td>GOODFELLAS SALUTE</td><td>Sci-Fi</td></tr><tr><td></td><td>LICENSE WEEKEND</td><td>Sci-Fi</td></tr><tr><td></td><td>OPEN AFRICAN</td><td>Sci-Fi</td></tr><tr><td></td><td>SPIRITED CASUALTIES</td><td>Sci-Fi</td></tr></table>		title	category	▶	CHARIOTS CONSPIRACY	Sci-Fi		COLDBLOODED DARLING	Sci-Fi		FRISCO FORREST	Sci-Fi		GOODFELLAS SALUTE	Sci-Fi		LICENSE WEEKEND	Sci-Fi		OPEN AFRICAN	Sci-Fi		SPIRITED CASUALTIES	Sci-Fi
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7

Tampilkan daftar 10 aktor/aktris yang paling banyak membintangi film horror. Kolom yang ditampilkan minimal: id aktor, nama depan, nama belakang dan jumlah film horror yang dibintangi kemudian urutkan dari aktor/aktris yang membintangi film horror terbanyak.

```
select
    a.actor_id,
    a.first_name,
    a.last_name,
    count(fl.title) as jumlah_Movie
from actor as a
left join film_actor as fa
on a.actor_id = fa.actor_id
left join film_list as fl
on fa.film_id = fl.FID
where category = 'Horror'
group by a.actor_id
order by
    jumlah_Movie desc,
    a.first_name asc
limit 10;
```

Result Grid				
	actor_id	first_name	last_name	jumlah_Movie
▶	27	JULIA	MCQUEEN	7
	42	TOM	MIRANDA	6
	60	HENRY	BERRY	5
	14	VIVIEN	BERGEN	5
	75	BURT	POSEY	4
	179	ED	GUINNESS	4
	157	GRETA	MALDEN	4
	40	JOHNNY	CAGE	4
	57	JUDE	CRUISE	4
	12	KARL	BERRY	4

8

Dari soal sebelumnya diketahui Julia McQueen merupakan aktris yang paling banyak membintangi film horror, dengan total 7 judul film. Tampilkan daftar judul film horror yang pernah dibintangi oleh Julia McQueen. Kolom yang diwajibkan ada yaitu judul film dan kategorinya

```
select
    fl.title,
    fl.category
from actor as a
left join film_actor as fa
on a.actor_id = fa.actor_id
left join film_list as fl
on fa.film_id = fl.FID
where
    (a.first_name = 'JULIA') &
    (a.last_name = 'MCQUEEN') &
    (fl.category = 'Horror');
```

Result Grid			Filter Rows:	Export:
	title	category		
▶	ARABIA DOGMA	Horror		
	FREDDY STORM	Horror		
	HIGH ENCINO	Horror		
	MONTEREY LABYRINTH	Horror		
	SPIRIT FLINTSTONES	Horror		
	STRANGERS GRAFFITI	Horror		
	TRAIN BUNCH	Horror		