

```

1  -- Lynch, Connor
2  -- ISTE230, Fall 2024
3  -- PE04
4
5  mysql> SOURCE C:\ISTE230\PE\PE04\Lynch_PE04_script.sql
6  -----
7  -- Lynch, Connor
8  -----
9
10 Query OK, 0 rows affected (0.00 sec)
11
12 -----
13 -- ISTE230, Fall 2024
14 -----
15
16 Query OK, 0 rows affected (0.00 sec)
17
18 -----
19 -- PE04
20 -----
21
22 Query OK, 0 rows affected (0.00 sec)
23
24 -----
25 -- Q1
26 -----
27
28 Query OK, 0 rows affected (0.00 sec)
29
30 -----
31 SELECT title AS Title_of_Film, length AS Length_of_Film, LEFT(description,40)
32      FROM film
33      WHERE description LIKE '%fun%'
34      AND length <= 100
35      AND length >= 50
36      ORDER BY length DESC
37 -----
38
39 +-----+-----+-----+
40 | Title_of_Film      | Length_of_Film | LEFT(description,40) |
41 +-----+-----+-----+
42 | CLUELESS BUCKET    | 95 | A Taut Tale of a Car And a Pioneer who m |
43 | ISLAND EXORCIST    | 84 | A Fanciful Panorama of a Technical Write |
44 | ALONE TRIP         | 82 | A Fast-Paced Character Study of a Compos |

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52 +-----+-----+-----+-----+

54

56

```
58 SELECT title AS Title of Film, length AS Length of Film, RIGHT(description,60)
```

```
60 WHERE description LIKE '%Database%'
```

62 - - - - -

63

66 +-----+-----+-----+

82
83

89	VANISHED GARDEN	142	irrel And a A Shark who must Kill a Lumberjack in California
90	VIRGIN DAISY	179	tist who must Reach a Database Administrator in A Shark Tank
91	VIRTUAL SPOILERS	144	And a Squirrel who must Discover a Student in Soviet Georgia
92	VOLUME HOUSE	132	e of a Dog And a Woman who must Meet a Dentist in California
93	WARS PLUTO	128	e Administrator who must Chase a Madman in The Sahara Desert
94	WASTELAND DIVINE	85	zer who must Fight a Database Administrator in Ancient China
95	WEST LION	159	Challenge a Database Administrator in A Manhattan Penthouse
96	WHALE BIKINI	109	Administrator who must Kill a Feminist in A MySQL Convention
97	YOUNG LANGUAGE	183	trator who must Meet a Boy in The First Manned Space Station

98 +-----+
 99 115 rows in set (0.00 sec)

100
 101 -----
 102
 103 -- Q3
 104 SELECT title AS Title_of_Film, length AS Length_of_Film, rating
 105 FROM film
 106 WHERE rating = 'G'
 107 AND length <= 140
 108 AND length >= 120

109 -----
 110
 111 +-----+-----+-----+
 112 | Title_of_Film | Length_of_Film | rating |
 113 +-----+-----+-----+
 114 | AFRICAN EGG | 130 | G |
 115 | ALAMO VIDEOTAPE | 126 | G |
 116 | BAREFOOT MANCHURIAN | 129 | G |
 117 | BEACH HEARTBREAKERS | 122 | G |
 118 | BREAKFAST GOLDFINGER | 123 | G |
 119 | CHISUM BEHAVIOR | 124 | G |
 120 | DAZED PUNK | 120 | G |
 121 | DOGMA FAMILY | 122 | G |
 122 | DUDE BLINDNESS | 132 | G |
 123 | EXTRAORDINARY CONQUERER | 122 | G |
 124 | FANTASIA PARK | 131 | G |
 125 | FARGO GANDHI | 130 | G |
 126 | GOSFORD DONNIE | 129 | G |
 127 | GREASE YOUTH | 135 | G |
 128 | JAPANESE RUN | 135 | G |
 129 | JUMANJI BLADE | 121 | G |
 130 | LIBERTY MAGNIFICENT | 138 | G |
 131 | SAINTS BRIDE | 125 | G |
 132 | SHINING ROSES | 125 | G |

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133 | STRANGER STRANGERS | 139 | G |
134 | TRAFFIC HOBBIT | 139 | G |
135 | WARS PLUTO | 128 | G |

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136 +-----+-----+-----+

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137 22 rows in set (0.00 sec)

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138
139 -----
140
141 -- Q4
142 SELECT title AS Title_of_Film, length AS Length_of_Film, rating
143        FROM film
144        WHERE title LIKE '%river%'
145        AND (rating = 'PG-13' OR rating = 'R')
146 -----

```

```

147
148 +-----+-----+-----+
149 | Title_of_Film | Length_of_Film | rating |
150 +-----+-----+-----+
151 | DRIVER ANNIE | 159 | PG-13 |
152 | GOLD RIVER | 154 | R |
153 | RIVER OUTLAW | 149 | PG-13 |
154 +-----+-----+-----+

```

```

155 3 rows in set (0.00 sec)

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156
157 -----
158
159 -- Q5
160 SELECT title AS Title_of_Film, length AS Length_of_Film, release_year, rating
161        FROM film
162        WHERE release_year = '2006'
163        AND (rating = 'PG-13' OR rating = 'R')
164        AND length < 55
165 -----

```

```

166
167 +-----+-----+-----+-----+
168 | Title_of_Film | Length_of_Film | release_year | rating |
169 +-----+-----+-----+-----+
170 | AIRPORT POLLOCK | 54 | 2006 | R |
171 | CROSSING DIVORCE | 50 | 2006 | R |
172 | DEEP CRUSADE | 51 | 2006 | PG-13 |
173 | ENGLISH BULWORTH | 51 | 2006 | PG-13 |
174 | GO PURPLE | 54 | 2006 | R |
175 | GROSSE WONDERFUL | 49 | 2006 | R |
176 | HALLOWEEN NUTS | 47 | 2006 | PG-13 |

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177	HAWK CHILL	47	2006	PG-13
178	JUGGLER HARDLY	54	2006	PG-13
179	KWAI HOMEWARD	46	2006	PG-13
180	LABYRINTH LEAGUE	46	2006	PG-13
181	MAGNIFICENT CHITTY	53	2006	R
182	NATURAL STOCK	50	2006	PG-13
183	NOTTING SPEAKEASY	48	2006	PG-13
184	OCTOBER SUBMARINE	54	2006	PG-13
185	PARADISE SABRINA	48	2006	PG-13
186	RIDGEMONT SUBMARINE	46	2006	PG-13
187	SENSE GREEK	54	2006	R
188	SMOKING BARBARELLA	50	2006	PG-13
189	THIN SAGEBRUSH	53	2006	PG-13
190	VALENTINE VANISHING	48	2006	PG-13

191 +-----+-----+-----+-----+

192 21 rows in set (0.00 sec)

193

194 -----

195

196 -- Q6

197 SELECT title AS Title_of_Film, replacement_cost AS Replacement_Cost, rating AS Film_Rating

198 FROM film

199 WHERE title NOT LIKE '_a%'

200 AND replacement_cost = 18.99

201 ORDER BY title DESC

202 -----

203

204 +-----+-----+-----+-----+

	Title_of_Film	Replacement_Cost	Film_Rating
--	---------------	------------------	-------------

206 +-----+-----+-----+-----+

207	ZORRO ARK	18.99	NC-17
208	WON DARES	18.99	PG
209	TOURIST PELICAN	18.99	PG-13
210	TITANIC BOONDOCK	18.99	R
211	SMOOCHY CONTROL	18.99	R
212	SEATTLE EXPECTATIONS	18.99	PG-13
213	PUNK DIVORCE	18.99	PG
214	OUTFIELD MASSACRE	18.99	NC-17
215	OTHERS SOUP	18.99	PG
216	NONE SPIKING	18.99	NC-17
217	MUPPET MILE	18.99	PG
218	MENAGERIE RUSHMORE	18.99	G
219	LOVELY JINGLE	18.99	PG
220	LOUISIANA HARRY	18.99	PG-13

221	LOSE INCH	18.99	R
222	LEGEND JEDI	18.99	PG
223	JUMPING WRATH	18.99	NC-17
224	INCH JET	18.99	NC-17
225	GHOSTBUSTERS ELF	18.99	R
226	GHOST GROUNDHOG	18.99	G
227	FLYING HOOK	18.99	NC-17
228	FIRE WOLVES	18.99	R
229	ENGLISH BULWORTH	18.99	PG-13
230	DRIFTER COMMANDMENTS	18.99	PG-13
231	DREAM PICKUP	18.99	PG
232	CYCLONE FAMILY	18.99	PG
233	CITIZEN SHREK	18.99	G
234	BREAKFAST GOLDFINGER	18.99	G
235	BLUES INSTINCT	18.99	G
236	BIRCH ANTITRUST	18.99	PG
237	ADAPTATION HOLES	18.99	NC-17

238 +-----+-----+-----+-----+
 239 31 rows in set (0.00 sec)

240
 241 -----
 242
 243 -- Q7
 244 SELECT title AS Title_of_Film, LEFT(description, 55)
 245 FROM film
 246 WHERE description LIKE '%Frisbee%'
 247 AND description LIKE '%Fanciful%'

248 -----
 249
 250 +-----+-----+-----+-----+
 251 | Title_of_Film | LEFT(description, 55) |
 252 +-----+-----+-----+-----+
 253 | AFFAIR PREJUDICE | A Fanciful Documentary of a Frisbee And a Lumberjack wh |
 254 | STING PERSONAL | A Fanciful Drama of a Frisbee And a Dog who must Fight |
 255 +-----+-----+-----+-----+

256 2 rows in set (0.00 sec)

257
 258 -----
 259
 260 -- Q8
 261 SELECT title AS Title_of_Film, rating, release_year, length
 262 FROM film
 263 WHERE (rating = 'PG-13' AND release_year = '2006' AND length < 60)
 264 OR (rating = 'R' AND length < 55)

265 ORDER BY rating DESC

266 -----

267

268	+-----+-----+-----+-----+			
269	Title_of_Film	rating	release_year	length
270	+-----+-----+-----+-----+			
271	AIRPORT POLLOCK	R	2006	54
272	CROSSING DIVORCE	R	2006	50
273	GO PURPLE	R	2006	54
274	GROSSE WONDERFUL	R	2006	49
275	MAGNIFICENT CHITTY	R	2006	53
276	SENSE GREEK	R	2006	54
277	ALTER VICTORY	PG-13	2006	57
278	DAUGHTER MADIGAN	PG-13	2006	59
279	DEEP CRUSADE	PG-13	2006	51
280	ENGLISH BULWORTH	PG-13	2006	51
281	FANTASY TROOPERS	PG-13	2006	58
282	HALLOWEEN NUTS	PG-13	2006	47
283	HAWK CHILL	PG-13	2006	47
284	JUGGLER HARDLY	PG-13	2006	54
285	KWAI HOMEWARD	PG-13	2006	46
286	LABYRINTH LEAGUE	PG-13	2006	46
287	MATRIX SNOWMAN	PG-13	2006	56
288	NATURAL STOCK	PG-13	2006	50
289	NOTTING SPEAKEASY	PG-13	2006	48
290	OCTOBER SUBMARINE	PG-13	2006	54
291	PARADISE SABRINA	PG-13	2006	48
292	RIDGEMONT SUBMARINE	PG-13	2006	46
293	SMOKING BARBARELLA	PG-13	2006	50
294	THIN SAGEBRUSH	PG-13	2006	53
295	VALENTINE VANISHING	PG-13	2006	48
296	VISION TORQUE	PG-13	2006	59
297	WHISPERER GIANT	PG-13	2006	59
298	+-----+-----+-----+-----+			

299 27 rows in set (0.00 sec)

300

301 -----

302

303 -- Q9

304 SELECT title AS Title_of_Film, length AS Length_Of_Film

305 FROM film

306 WHERE (title LIKE 'a%' OR title LIKE 'h%' OR title LIKE 'j%')

307 AND length < 70

308 ORDER BY title ASC

```

309 -----
310
311 +-----+
312 | Title_of_Film | Length_Of_Film |
313 +-----+
314 | ACE GOLDFINGER | 48 |
315 | ADAPTATION HOLES | 50 |
316 | AIRPLANE SIERRA | 62 |
317 | AIRPORT POLLOCK | 54 |
318 | ALADDIN CALENDAR | 63 |
319 | ALIEN CENTER | 46 |
320 | ALTER VICTORY | 57 |
321 | ARABIA DOGMA | 62 |
322 | ARK RIDGEMONT | 68 |
323 | HALL CASSIDY | 51 |
324 | HALLOWEEN NUTS | 47 |
325 | HANGING DEEP | 62 |
326 | HANOVER GALAXY | 47 |
327 | HARPER DYING | 52 |
328 | HAWK CHILL | 47 |
329 | HEAD STRANGER | 69 |
330 | HEARTBREAKERS BRIGHT | 59 |
331 | HEAVEN FREEDOM | 48 |
332 | HEAVENLY GUN | 49 |
333 | HOLLYWOOD ANONYMOUS | 69 |
334 | HOOK CHARIOTS | 49 |
335 | HUMAN GRAFFITI | 68 |
336 | HUNTING MUSKETEERS | 65 |
337 | HURRICANE AFFAIR | 49 |
338 | JEKYLL FROGMEN | 58 |
339 | JERSEY SASSY | 60 |
340 | JET NEIGHBORS | 59 |
341 | JUGGLER HARDLY | 54 |
342 +-----+
343 28 rows in set (0.00 sec)
344
345 -----
346
347 -- Q10
348 SELECT now() AS today_unformatted, DATE_FORMAT(curdate(), '%d-%b-%Y') AS today_formatted
349 -----
350
351 +-----+
352 | today_unformatted | today_formatted |

```



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353 +-----+
354 | 2024-09-21 20:15:14 | 21-Sep-2024 |
355 +-----+
356 1 row in set (0.00 sec)

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357
358 -----
359 -- Q11
360 -----

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361
362 Query OK, 0 rows affected (0.00 sec)
363

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364 -----
365 SELECT film_id, release_year, length, rating, rental_rate, rental_duration, LEFT(title, 33)
366        FROM film
367        WHERE release_year > '2005'
368        AND length < 100
369        AND rating = 'PG'
370        AND rental_rate >= 2
371        AND rental_duration >= 6
372        AND title NOT LIKE 'w%'
373        AND title NOT LIKE 't%'
374        ORDER BY title DESC

```

```

375 -----
376
377 +-----+-----+-----+-----+-----+-----+-----+
378 | film_id | release_year | length | rating | rental_rate | rental_duration | LEFT(title, 33) |
379 +-----+-----+-----+-----+-----+-----+-----+
380 |      785 |         2006 |      80 | PG     |         4.99 |              6 | SHAWSHANK BUBBLE |
381 |      784 |         2006 |      47 | PG     |         2.99 |              7 | SHANGHAI TYCOON  |
382 |      780 |         2006 |      98 | PG     |         4.99 |              7 | SENSIBILITY REAR |
383 |      776 |         2006 |      90 | PG     |         4.99 |              6 | SECRET GROUNDHOG |
384 |      679 |         2006 |      50 | PG     |         2.99 |              6 | PILOT HOOSIERS   |
385 |      668 |         2006 |      80 | PG     |         4.99 |              7 | PEAK FOREVER     |
386 |      664 |         2006 |      65 | PG     |         2.99 |              6 | PATRIOT ROMAN    |
387 |      639 |         2006 |      92 | PG     |         4.99 |              7 | OPPOSITE NECKLACE |
388 |      611 |         2006 |      73 | PG     |         4.99 |              7 | MUSKETEERS WAIT  |
389 |      603 |         2006 |      53 | PG     |         4.99 |              6 | MOVIE SHAKESPEARE |
390 |      485 |         2006 |      60 | PG     |         4.99 |              6 | JERSEY SASSY     |
391 |      469 |         2006 |      46 | PG     |         4.99 |              7 | IRON MOON        |
392 |      443 |         2006 |      49 | PG     |         2.99 |              6 | HURRICANE AFFAIR |
393 |      410 |         2006 |      48 | PG     |         2.99 |              7 | HEAVEN FREEDOM   |
394 |      343 |         2006 |      94 | PG     |         2.99 |              6 | FULL FLATLINERS  |
395 |      338 |         2006 |      51 | PG     |         4.99 |              6 | FRISCO FORREST   |
396 |      305 |         2006 |      91 | PG     |         2.99 |              6 | FATAL HAUNTED    |

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397		144		2006		61		PG		4.99		7		CHINATOWN GLADIATOR	
398		78		2006		85		PG		2.99		7		BLACKOUT PRIVATE	
399		72		2006		93		PG		2.99		6		BILL OTHERS	
400	+-----+-----+-----+-----+-----+-----+-----+-----+														
401	20 rows in set (0.00 sec)														
402															
403	mysql> NOTEE														
404															