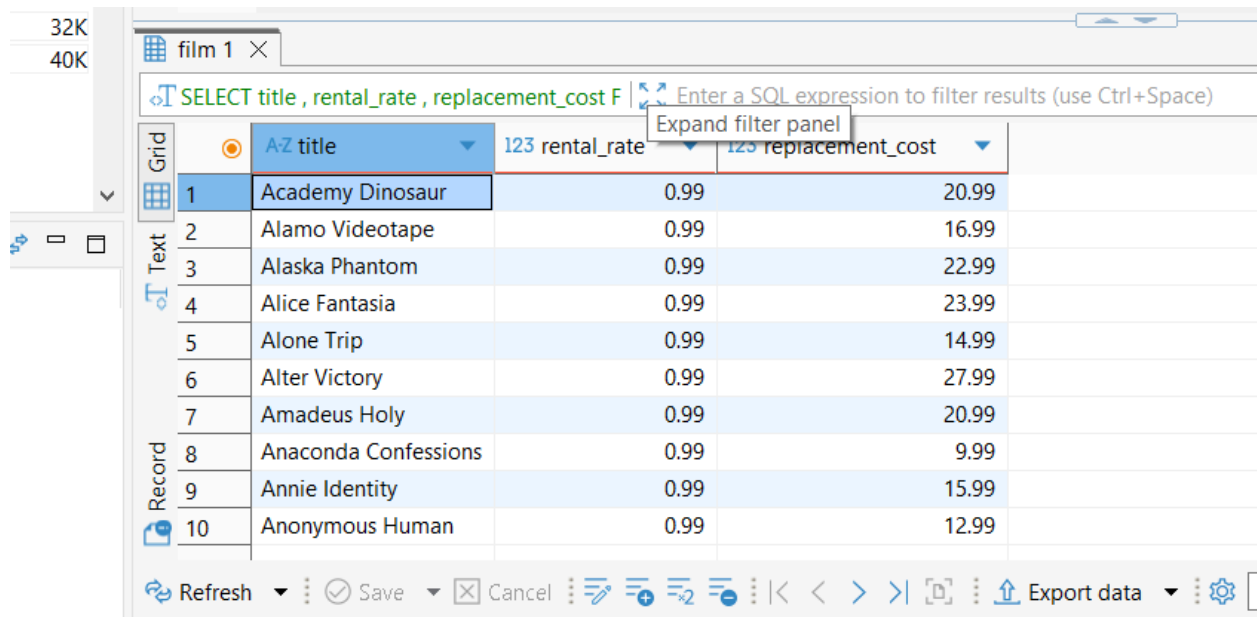


SQL Sorting and Limiting

1

```
SELECT title , rental_rate , replacement_cost
FROM film f
ORDER BY rental_rate ASC , title ASC
LIMIT 10
```

Izoh : Bu yerda film jadvalidan title , rental_rate , replacement_cost columnlarini olib ularda quyidagi sortingni amalga oshirdim rental_rate va title ustunlariga ASC yani osish tartibida va ularga 10 limit berdm



The screenshot shows a database application window titled 'film 1'. The SQL query editor contains the query: `SELECT title , rental_rate , replacement_cost F`. The results are displayed in a table with columns: title, rental_rate, and replacement_cost. The table is sorted by rental_rate in ascending order, and then by title in ascending order. The first 10 rows are shown.

	A-Z title	rental_rate	replacement_cost
1	Academy Dinosaur	0.99	20.99
2	Alamo Videotape	0.99	16.99
3	Alaska Phantom	0.99	22.99
4	Alice Fantasia	0.99	23.99
5	Alone Trip	0.99	14.99
6	Alter Victory	0.99	27.99
7	Amadeus Holy	0.99	20.99
8	Anaconda Confessions	0.99	9.99
9	Annie Identity	0.99	15.99
10	Anonymous Human	0.99	12.99

2

```
SELECT title , replacement_cost
FROM film f
WHERE replacement_cost > 25
ORDER BY replacement_cost DESC
```

Izoh: bu yerda film jadvalidan bitta column boyicha sorting yani kamayish tartibida DESC va replacement_cost 25 katta bo'lishi where da berilib otilgan

SQL SELECT title , replacement_cost FROM film T V | Enter a SQL expression to filter re

Grid	A-Z title	123 replacement_cost
1	Floats Garden	29.99
2	Dirty Ace	29.99
3	Flatliners Killer	29.99
4	Doctor Grail	29.99
5	Song Hedwig	29.99
6	Poseidon Forever	29.99
7	Uncut Suicides	29.99
8	Feud Frogmen	29.99
9	Fantasia Park	29.99
10	Extraordinary Conquerer	29.99
11	Earth Vision	29.99

Refresh Save Cancel

MSK en Writable Sm

3

```
SELECT title , length
FROM film
WHERE title ILIKE 'A%'
ORDER BY length DESC
LIMIT 15
```

Izoh: Marketing bo'limi uchun A harfdan boshlanadigan kamayish tartibidagi top 15 filmini chiqarish berilgan

2.4M
32K
40K

film 1 | film 2 | film 3 X

SELECT title , length FROM film WHERE title I Enter a SQL expression to filt

Grid

1

Analyze Hoosiers

181

2

Alley Evolution

180

3

Anonymous Human

179

4

Atlantis Cause

170

5

Artist Coldblooded

170

6

Agent Truman

169

7

Antitrust Tomatoes

168

8

Apollo Teen

153

9

Ali Forever

150

10

Army Flintstones

148

11

Archaeologist's Dilemma

147

Text

Record

Refresh

Save

Cancel

MSK

en

Writable

4

SELECT title
FROM film
ORDER BY title **ASC**
LIMIT 20
OFFSET 20

Izoh: Filmni alifbo tartibidagi kamayishi tartibida joylashtirib 2 pageni chiqarilgan

film 1 X

SELECT title FROM film f OF Enter a SQL expression to filter re

Grid

1 AZ title

Text

1 American Circus

2 Amistad Midsummer

3 Anaconda Confessions

4 Analyze Hoosiers

5 Angels Life

6 Annie Identity

7 Anonymous Human

8 Anthem Luke

9 Antitrust Tomatoes

Record

10 Anything Savannah

11 Apache Divine

12 Apocalypse Flamingos

Refresh Save Cancel

5

```
SELECT amount , payment_id , payment_date
FROM payment p
WHERE amount > 5
ORDER BY payment_date DESC
LIMIT 10
```

Izoh: Payment jadvalidan dateni kamayish tartibida joylashtirib qiymati yani amountni 5 dan kattalarini saralab olib faqat 10 tasi chiqarilgan

SELECT amount , payment_id , payment_date | Enter a SQL expression to filter results

Grid	123 amount	123 payment_id	payment_date
1	7.98	32,029	2007-05-14 13:44:29.996
2	9.98	32,033	2007-05-14 13:44:29.996
3	5.98	32,023	2007-05-14 13:44:29.996
4	5.98	31,982	2007-05-14 13:44:29.996
5	5.98	31,995	2007-05-14 13:44:29.996
6	5.98	32,000	2007-05-14 13:44:29.996
7	5.98	31,924	2007-05-14 13:44:29.996
8	7.98	31,917	2007-05-14 13:44:29.996
9	7.98	31,941	2007-05-14 13:44:29.996
10	8.97	32,038	2007-05-14 13:44:29.996

Refresh Save Cancel

6

```

SELECT title AS film_title ,
       rental_rate AS rate,
       length AS duration_minutes
FROM film f
WHERE length > 100
ORDER BY film_title ASC ;

```

Izoh: film jadvalidagi 3 ta ustunni nomini AS bilan ozgatirildi va film avomiyligi 100dan kattalarini oshish tartibida sorting qilindi

SELECT title AS film_title , rental_rate AS rate, | Enter a SQL expression to filter results (use

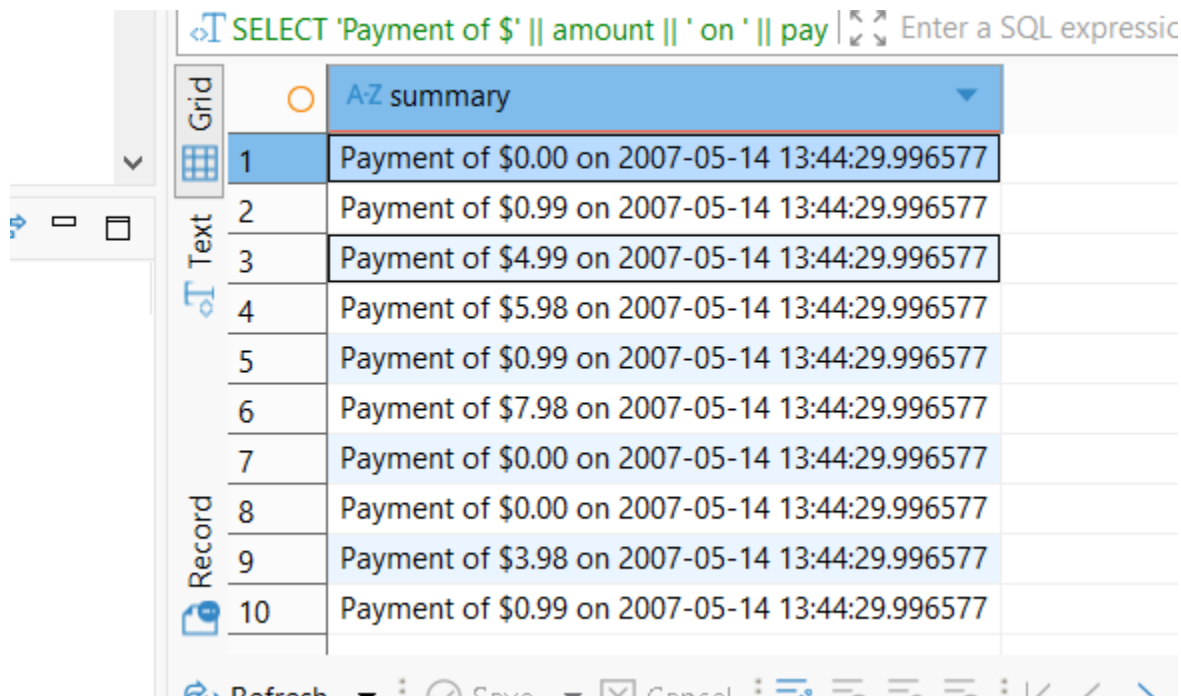
Grid	A-Z film_title	123 rate	123 duration_minutes
1	Affair Prejudice	2.99	117
2	Alamo Videotape	0.99	126
3	Agent Truman	2.99	169
4	Alabama Devil	2.99	114
5	Alaska Phantom	0.99	136
6	Ali Forever	4.99	150
7	Alley Evolution	2.99	180

Unique key: No unique key was found. Data modification is not possible.

7

```
SELECT
    'Payment of $' || amount || ' on ' || payment_date AS summary
FROM payment p
ORDER BY payment_date DESC
LIMIT 10;
```

Izoh: bu yerdan dastlab ikkita amount va payment_date ustunlarni double bar yordamida qoshildi va sanasi kamayish tartibida joylashtirilib datlabki 10 tasi chiqarildi



	summary
1	Payment of \$0.00 on 2007-05-14 13:44:29.996577
2	Payment of \$0.99 on 2007-05-14 13:44:29.996577
3	Payment of \$4.99 on 2007-05-14 13:44:29.996577
4	Payment of \$5.98 on 2007-05-14 13:44:29.996577
5	Payment of \$0.99 on 2007-05-14 13:44:29.996577
6	Payment of \$7.98 on 2007-05-14 13:44:29.996577
7	Payment of \$0.00 on 2007-05-14 13:44:29.996577
8	Payment of \$0.00 on 2007-05-14 13:44:29.996577
9	Payment of \$3.98 on 2007-05-14 13:44:29.996577
10	Payment of \$0.99 on 2007-05-14 13:44:29.996577

8

```
SELECT
    'Customer paid $' || amount || ' on ' || payment_date AS summary
FROM payment p
WHERE amount > 8
ORDER BY payment_date DESC
LIMIT 12;
```

Izoh: bu yerda 7 topshiriqdagiday amout va payment_date qoshib olindi va amountni 8 dan katta va dateni kamayish tartibbida joylashtirilib limit bilan 12 tasi chiqarildi

32K
40K

SELECT 'Customer paid \$' || amount || ' on ' || ... Enter a SQL expression

Grid

Text

Record

	A-Z summary
1	Customer paid \$8.97 on 2007-05-14 13:44:29.996577
2	Customer paid \$9.98 on 2007-05-14 13:44:29.996577
3	Customer paid \$8.99 on 2007-04-30 23:32:54.996577
4	Customer paid \$8.99 on 2007-04-30 23:31:44.996577
5	Customer paid \$8.99 on 2007-04-30 23:09:24.996577
6	Customer paid \$9.99 on 2007-04-30 22:53:31.996577
7	Customer paid \$8.99 on 2007-04-30 22:36:27.996577
8	Customer paid \$8.99 on 2007-04-30 22:11:08.996577
9	Customer paid \$10.99 on 2007-04-30 21:58:17.996577
10	Customer paid \$8.99 on 2007-04-30 21:50:46.996577
11	Customer paid \$8.99 on 2007-04-30 21:25:00.996577
12	Customer paid \$8.99 on 2007-04-30 21:14:00.996577

Refresh Save Cancel

9

```
SELECT payment_id, amount, payment_date
FROM payment
ORDER BY payment_date DESC
LIMIT 10
OFFSET 20;
```

Izoh: eng songi tolovlarni tartiblash uchun dateni kamayish tartibida joylashtirdik va berilganidek 3 sahifani limit va offset bilan chiqardik

SELECT payment_id, amount, payment_date F					Enter a SQL expression to filter results (use C				
Grid	123	payment_id	123	amount	123	payment_date			
1	31,926			0.99		2007-05-14 13:44:29.996			
2	31,922			4.99		2007-05-14 13:44:29.996			
3	31,924			5.98		2007-05-14 13:44:29.996			
4	31,923			0.99		2007-05-14 13:44:29.996			
5	31,928			2.99		2007-05-14 13:44:29.996			
6	31,921			0.99		2007-05-14 13:44:29.996			
7	31,920			0		2007-05-14 13:44:29.996			
8	31,931			0.99		2007-05-14 13:44:29.996			
9	31,925			0		2007-05-14 13:44:29.996			
10	31,946			0		2007-05-14 13:44:29.996			

10

```

SELECT title , rental_rate , length , replacement_cost
FROM film f
WHERE length > 120 AND
      rental_rate BETWEEN 2 AND 4
ORDER BY replacement_cost DESC
LIMIT 7

```

Izoh: kinolarni davomiyligi 120 dan uzunlari va narxi 2 va 4 orasidagini kamayish tartibida joylashtirib limit bilan 7 tasii chiqardim

SELECT title , rental_rate , length , replacemer					Enter a SQL expression to filter results (use Ctrl+Space)				
Grid	AZ	title	123	rental_rate	123	length	123	replacement_cost	
1	Jericho Mulan			2.99		171		29.99	
2	Quest Mussolini			2.99		177		29.99	
3	Extraordinary Conquerer			2.99		122		29.99	
4	Fantasia Park			2.99		131		29.99	
5	Floats Garden			2.99		145		29.99	
6	Dirty Ace			2.99		147		29.99	
7	Uncut Suicides			2.99		172		29.99	


```
SELECT title, length, rental_rate, replacement_cost
FROM film
WHERE
    title LIKE 'S%' AND
    LENGTH(title) >= 5 AND
    replacement_cost > 20 AND
    ( (length > 90 AND rental_rate < 2 AND)
      OR
      (length > 100 AND rental_rate < 3)
      OR
      (length < 70 AND rental_rate > 3)
    )
ORDER BY title
LIMIT 10
OFFSET 60;
```

[illegible]