

Record for lab7

SID: 12310401

Name: 王子恒

1.

```
    ▷ Run | New Tab | JSON | Copy
2 select m.title, m.country, m.year_released
3 from (select c.movieid
4         from (select peopleid
5              from people
6             where (first_name = 'Humphrey'
7                   and surname = 'Bogart')
8                 or (first_name = 'Lauren'
9                      and surname = 'Bacall')) famous_couple
10            join credits c
11          on c.peopleid = famous_couple.peopleid
12         and c.credited_as = 'A'
13        group by c.movieid
14       having count(*) = 2) bogart_plus_bacall
15      join movies m
16        on m.movieid = bogart_plus_bacall.movieid; 11ms
```

Result(RO) ×



搜索结果集



Q

title



country



year_released



	Filter	Filter	Filter
>	The Big Sleep	us	1946
>	To Have and Have Not	us	1944
>	Dark Passage	us	1947
>	Key Largo	us	1948

2.

```
2  select count(*) FROM
3  (select movieid m1
4   |      from credits c1
5   |          join people p1
6   |              on c1.peopleid = p1.peopleid
7   |      where (p1.surname = 'Wayne' and p1.first_name='John')
8   |          and c1.credited_as='A') m1_sel
9  join
10  (select movieid m2
11   |      from credits c2
12   |          join people p2
13   |              on c2.peopleid = p2.peopleid
14   |      where (p2.surname = 'Ford' and p2.first_name='John')
15   |          and c2.credited_as='D') m2_sel
16  on m1_sel.m1 = m2_sel.m2;
```

Result(RO) ×

count	TRUE
10	

3.

```
17
18 select p1.peopleid,
19     p2.peopleid,
20     p1.first_name,
21     p1.surname,
22     p1.born,
23     p1.died
24 from people p1
25 join people p2
26 on p2.first_name = p1.surname
27 and p2.surname = p1.first_name
28 and p2.born = p1.born
29 and coalesce(p2.died, 0) = coalesce(p1.died, 0)
30 and p2.peopleid > p1.peopleid;
```

Result(RO) ×

搜索结果集 耗时: 55ms

peopleid	peopleid	first_name	surname	born	died
526	14271	Tadanobu	Asano	1973	(NULL)
1478	6465	Huang	Bo	1974	(NULL)
2413	3544	Deng	Chao	1979	(NULL)
2520	8001	Kun	Chen	1976	(NULL)
2535	16022	Yao	Chen	1979	(NULL)
3887	7143	Juan	Du	1982	(NULL)
4339	15466	Wei	Fan	1962	(NULL)
5037	16133	You	Ge	1957	(NULL)
5751	8907	Lu	Han	1990	(NULL)

4.

```
    ▷ Run | New Tab | JSON | Copy
✓ 32 select p.first_name, p.surname, a.last_film, p.died
  33 from (select c.peopleid, max(m.year_released) last_film
  34   from movies m
  35   join credits c
  36   on c.movieid = m.movieid
  37   where credited_as = 'A'
  38   group by c.peopleid) a
  39 join people p
  40   on p.peopleid = a.peopleid
  41   where p.died > 20 + a.last_film; 42ms
```

Result(RO) ×



	first_name	surname	last_film	died
>	Mary	Astor	1964	1987
>	Madeleine	Carroll	1942	1987
>	Edna	Murphy	1927	1974
>	Evita	Muñoz	1948	2016
>	Pamela	Green	1960	2010
>	Geoffrey	Keen	1971	2005
>	Mona	Seilitz	1975	2008
>	Marisa	Prado	1953	1982
>	Paul	Robeson	1942	1976
>	Chiyonosuke	Azuma	1961	2000

5.

```

    ▷ Run | New Tab | JSON | Copy
43 select m.movieid, m.title, m.country, m.runtime, m.year_released
44 from (select c.peopleid, min(m.year_released) first_film_year
45 from people p
46 join credits c
47 on c.peopleid = p.peopleid
48 join movies m
49 on m.movieid = c.movieid
50 where c.credited_as = 'A'
51 and p.first_name = 'Jackie'
52 and p.surname = 'Chan'
53 group by c.peopleid) a
54 join credits c
55 on c.peopleid = a.peopleid
56 and c.credited_as = 'A'
57 join movies m
58 on m.movieid = c.movieid
59 and m.year released = a.first film year: 44ms

```

Result(RO) ×

	movieid	title	country	runtime	year_released
Filter	3997	Zeoi ³ Kyun ⁴	hk	110	1978

	Filter	Filter	Filter	Filter	Filter
>	3997	Zeoi ³ Kyun ⁴	hk	110	1978

6.

```

    ▷ Run | New Tab | JSON | Copy

```

```

78 select p.first_name, p.surname, count(*) films
79 from (select p.peopleid ow, c.movieid
80 from people p
81 join credits c
82 on c.peopleid = p.peopleid
83 where c.credited_as = 'D'
84 and p.first_name = 'Orson'
85 and p.surname = 'Welles') ow_films
86 join credits c
87 on c.movieid = ow_films.movieid
88 and c.credited_as = 'A'
89 and c.peopleid <> ow_films.ow

```

```
90     join people p
91     on p.peopleid = c.peopleid
92     group by p.first_name, p.surname;
```

Result(RO) ×

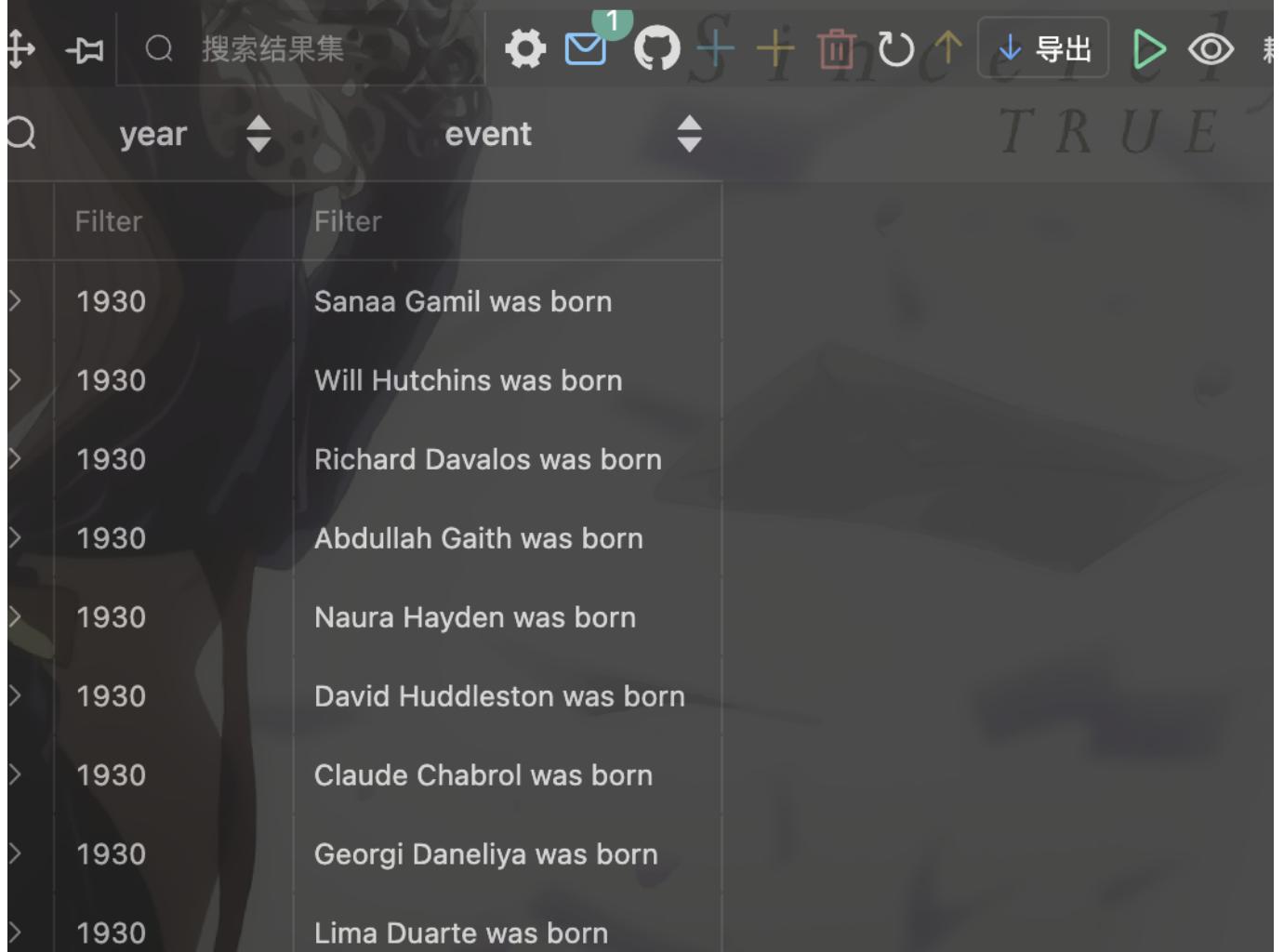


	Filter	Filter	Filter
>	Agnes	Moorehead	2
>	Akim	Tamiroff	3
>	Alan	Napier	1
>	Anne	Baxter	1
>	Anthony	Perkins	1
>	Charlton	Heston	1
>	Dan	O'Herlihy	1
>	Dolores	Costello	1

7.

```
61 select m.year_released as year,
62 m.title || ' (' || c.country_name || ') was released' as event
63 from movies m
64 join
65 countries c on c.country_code = m.country
66 where m.year_released between 1930 and 1935
67 union all
68 select born,
69 trim(coalesce(first_name, '')) || ' ' || surname || ' was born'
70 from people
71 where born between 1930 and 1935
72 union all
73 select died,trim(coalesce(first_name, '')) || ' ' || surname || ' d
74 from people
75 where died between 1930 and 1935
76 order by year; 27ms
```

Result(RO) ×



The screenshot shows a database query results page. At the top, there are various navigation and search icons. Below the header, a table displays two columns: 'year' and 'event'. The 'year' column is sorted in descending order, and the 'event' column is sorted in ascending order. The data consists of 10 rows, each showing a birth year followed by a unique event string.

year	event
1930	Sanaa Gamil was born
1930	Will Hutchins was born
1930	Richard Davalos was born
1930	Abdullah Gaith was born
1930	Naura Hayden was born
1930	David Huddleston was born
1930	Claude Chabrol was born
1930	Georgi Daneliya was born
1930	Lima Duarte was born

8.

```
100 JOIN
101 countries c ON c.country_code = m.country
102 WHERE m.year_released BETWEEN 1930 AND 1935
103 UNION ALL
104 SELECT born,
105 trim(coalesce(first_name, '') || ' ' || surname || ' was born'
106 surname AS sort_key
107 FROM people
108 WHERE born BETWEEN 1930 AND 1935
109 UNION ALL
110 SELECT died,
111 trim(coalesce(first_name, '') || ' ' || surname || ' died'),
112 surname AS sort_key
113 FROM people
114 WHERE died BETWEEN 1930 AND 1935
115 )
116 x
117 ORDER BY year,sort_key; 20ms
```

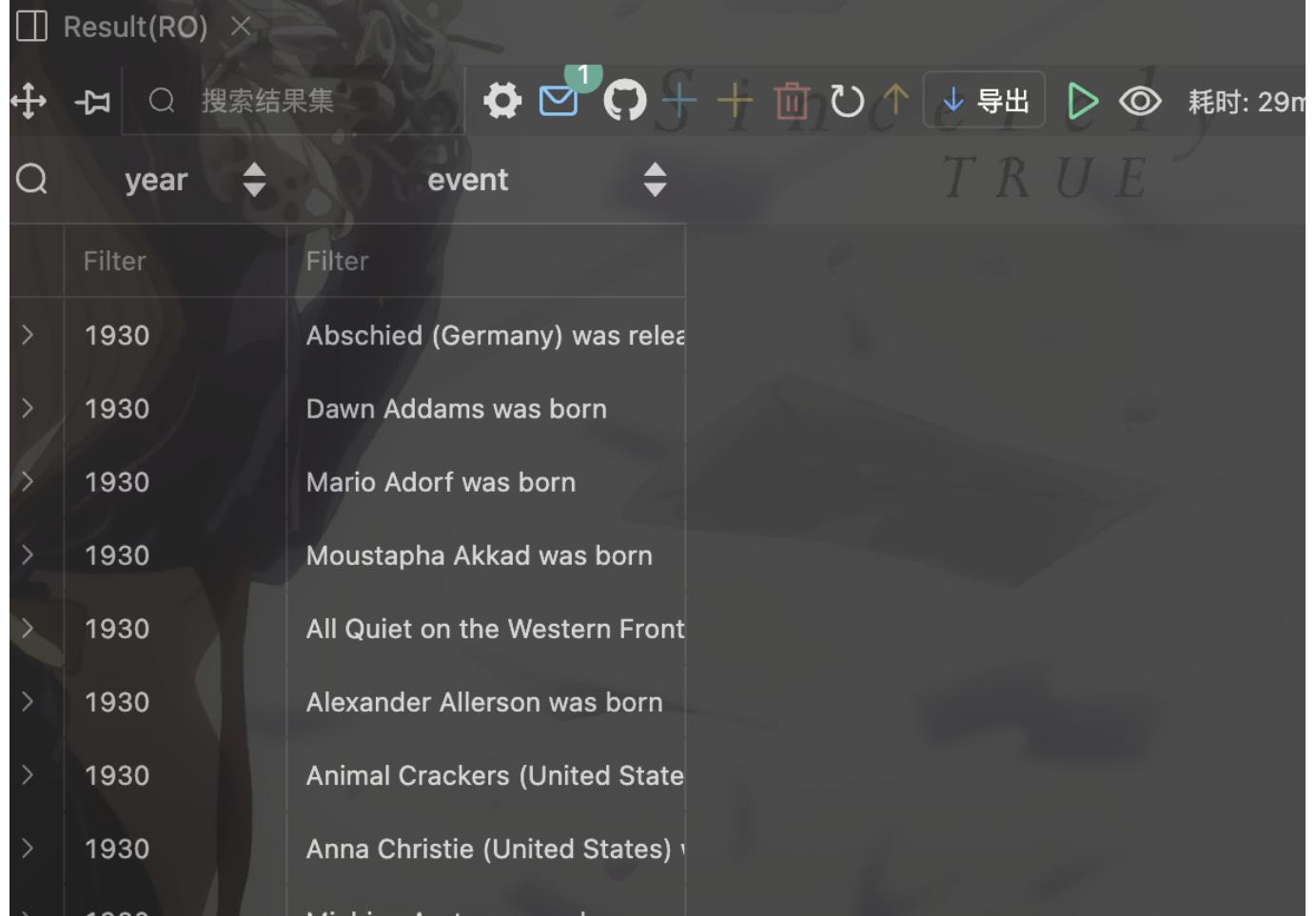
Result(RO) ×

year	event
Filter	Filter
1930	Abschied (Germany) was released
1930	Dawn Addams was born
1930	Mario Adorf was born
1930	Moustapha Akkad was born
1930	All Quiet on the Western Front
1930	Alexander Allerson was born
1930	Animal Crackers (United States)
1930	Anna Christie (United States)

9.

```
130  SELECT born,
131    trim(coalesce(first_name, '') || ' ' || surname || ' was born'),
132    surname AS sort_key
133  FROM people
134  WHERE born BETWEEN 1930 AND 1935
135  UNION ALL
136  SELECT died,
137    trim(coalesce(first_name, '') || ' ' || surname || ' died'),
138    surname AS sort_key
139  FROM people
140  WHERE died BETWEEN 1930 AND 1935
141 )
142 x
143 ORDER BY year,sort_key;| 29ms
```

Result(RO) ×



搜索结果集 | 1 | S | + | ↑ | ↑ | ↓ 导出 | ⟳ | TRUE 耗时: 29ms

year	event
1930	Abschied (Germany) was released
1930	Dawn Addams was born
1930	Mario Adorf was born
1930	Moustapha Akkad was born
1930	All Quiet on the Western Front
1930	Alexander Allerson was born
1930	Animal Crackers (United States)
1930	Anna Christie (United States)

10.

```
158 ,
159 UNION ALL
160 SELECT born,
161 trim(coalesce(first_name, '') || ' ' || surname || ' was born')
162 FROM people
163 WHERE born = (
164 SELECT year
165 FROM earliest_devdas
166 )
167 UNION ALL
168 SELECT died,
169 trim(coalesce(first_name, '') || ' ' || surname || ' died')
170 FROM people
171 WHERE died = (
172 SELECT year
173 FROM earliest_devdas
174 ); 34ms
```

Result(RO) ×

year	event
> 1935	Devdas (India) was released
> 1935	Top Hat (United States) was re
> 1935	Mutiny on the Bounty (United
> 1935	David Copperfield (United Sta
> 1935	The Informer (United States) w
> 1935	The Lives of a Bengal Lancer (
> 1935	Les Misérables (United States)
> 1935	Ruggles of Red Gap (United Si

11.

```
180 c.created_as = 'A'
187 EXCEPT
```

```
188  SELECT c.movieid
189  FROM credits c
190  JOIN
191  people p ON p.peopleid = c.peopleid
192  WHERE p.first_name = 'You' AND
193  p.surname = 'Ge' AND
194  c.credited_as = 'A'
195  )
196  x
197  JOIN
198  movies m ON m.movieid = x.movieid
199  ORDER BY m.year_released; 40ms
```

Result(RO) ×

操作	搜索结果集	设置	邮件	帮助	导出	刷新
Q	title	Filter	country	Filter	year_released	U

>	Bō Lí Zūn	hk		1999	
>	Chun Sing Gai Bei	hk		2010	
>	Bat ¹ Zoi ³ Jeong ⁶ Nei ² Gu ¹ Daan	cn		2011	
>	Qing Mi	hk		2012	
>	Xī Yóu · Jiàng Mó Piān	cn		2013	
>	Guǐ Chuī Dēng Zhī Xún Lóng J	cn		2015	
>	Cìkè Niè Yǐnniáng	tw		2015	
>	Wǒ Zuì Hǎo Péngyǒu Dí Hūnlǐ	cn		2016	