

a. Найти жанры для каждого фильма

```
chl :) select m.name as moviename, g.genre as genre from imdb.movies as m inner join imdb.genres as g on g.movie_id = m.id limit 10
```

```
SELECT
  m.name AS moviename,
  g.genre AS genre
FROM imdb.movies AS m
INNER JOIN imdb.genres AS g ON g.movie_id = m.id
LIMIT 10
```

Query id: 7a18658a-77cd-411e-b224-7b4c8ad69a02

	moviename	genre
1.	#7 Train: An Immigrant Journey, The	Documentary
2.	#7 Train: An Immigrant Journey, The	Short
3.	\$	Comedy
4.	\$	Crime
5.	\$1,000 Reward	Western
6.	\$1,000,000 Duck	Comedy
7.	\$1,000,000 Duck	Family
8.	\$10,000 Under a Pillow	Animation
9.	\$10,000 Under a Pillow	Comedy
10.	\$10,000 Under a Pillow	Short

b. Запросить все фильмы, у которых нет жанра

```
chl :) select m.name as moviename, g.genre as genre from imdb.movies as m FULL JOIN imdb.genres as g on g.movie_id = m.id where genre='' order by moviename limit 10
```

```
SELECT
  m.name AS moviename,
  g.genre AS genre
FROM imdb.movies AS m
FULL OUTER JOIN imdb.genres AS g ON g.movie_id = m.id
WHERE genre = ''
ORDER BY moviename ASC
LIMIT 10
```

Query id: 8210aa27-831b-4ff8-81ed-f9ac209371b1

	moviename	genre
1.	173 St.G.B. Blutschande	
2.	51 StGB	
3.	Biribi, disciplinaires franais	
4.	Chi tung chong	
5.	Flor do Mar	
6.	Kagitt	
7.	Xente, Pois No	
8.	arrivate la parigina	
9.	arrivate l'accordatore	
10.	bicyclette	

10 rows in set. Elapsed: 0.085 sec. Processed 783.39 thousand rows, 19.95 MB (9.19 million rows/s., 234.07 MB/s.)
Peak memory usage: 62.85 MIB.

c. Объединить каждую строку из таблицы “Фильмы” с каждой строкой из таблицы “Жанры”

```
chl :) select m.name as moviename, m.id, g.movie_id, g.genre as genre from imdb.movies as m Cross Join imdb.genres as g limit 100
```

```
SELECT
  m.name AS moviename,
  m.id,
  g.movie_id,
  g.genre AS genre
FROM imdb.movies AS m
CROSS JOIN imdb.genres AS g
LIMIT 100
```

Query id: 20a42914-5513-4633-ae69-55de4e3667ba

	moviename	id	movie_id	genre
1.	#28	0	1	Documentary
2.	#28	0	1	Short
3.	#28	0	2	Comedy
4.	#28	0	2	Crime
5.	#28	0	5	Western
6.	#28	0	6	Comedy
7.	#28	0	6	Family
8.	#28	0	8	Animation
9.	#28	0	8	Comedy
10.	#28	0	8	Short
11.	#28	0	9	Drama
12.	#28	0	10	Family
13.	#28	0	11	Comedy
14.	#28	0	12	Crime
15.	#28	0	12	Drama
16.	#28	0	12	Short
17.	#28	0	13	Animation
18.	#28	0	13	Short
19.	#28	0	14	Drama
20.	#28	0	14	Romance
21.	#28	0	14	Short
22.	#28	0	15	Comedy
23.	#28	0	15	Short

d. Найти жанры для каждого фильма, НЕ используя INNER JOIN

```
ch1 :) select m.name as moviename, g.genre as genre from imdb.movies as m FULL JOIN imdb.genres as g on g.movie_id = m.id where genre!='' order by moviename limit 10
```

```
SELECT
  m.name AS moviename,
  g.genre AS genre
FROM imdb.movies AS m
FULL OUTER JOIN imdb.genres AS g ON g.movie_id = m.id
WHERE genre != ''
ORDER BY moviename ASC
LIMIT 10
```

Query id: d82a88d8-563b-47b8-8f40-b6ba09053cf3

	moviename	genre
1.	Beira do Rio	Documentary
2.	Casablanca les anges ne volent pas	Drama
3.	Clara	Short
4.	Clara	Family
5.	Clara	Drama
6.	Flor da Pele	Drama
7.	Fogo na Roupa	Comedy
8.	Gaule	Documentary
9.	Gaule	Short
10.	Margem	Short

10 rows in set. Elapsed: 0.257 sec. Processed 783.39 thousand rows, 19.95 MB (3.04 million rows/s., 77.53 MB/s.)
Peak memory usage: 63.41 MiB.

e. Найти всех актеров и актрис, снявшихся в фильме в 2023 году

```
ch1 :) select max(year) from imdb.movies
```

```
SELECT max(year)
FROM imdb.movies
```

Query id: 1857657f-4410-49a8-8285-23dc6d2008a3

	max(year)
1.	2008

1 row in set. Elapsed: 0.038 sec. Processed 388.27 thousand rows, 1.55 MB (10.21 million rows/s., 40.84 MB/s.)
Peak memory usage: 56.32 KiB.

f. Запросить все фильмы, у которых нет жанра, через ANTI JOIN

```
ch1 :) select m.name as moviename, g.genre as genre from imdb.movies as m LEFT ANTI join imdb.genres as g on g.movie_id = m.id limit 10
```

```
SELECT
  m.name AS moviename,
  g.genre AS genre
FROM imdb.movies AS m
ANTI LEFT JOIN imdb.genres AS g ON g.movie_id = m.id
LIMIT 10
```

Query id: d1a7a846-c646-4efb-bcdb-903cc8a2f4ac

	moviename	genre
1.	#28	
2.	\$1,000 Reward	
3.	\$1,000 Reward	
4.	\$1,000,000 Reward, The	
5.	\$30,000	
6.	\$50,000 Challenge, The	
7.	'42	
8.	'93 jie tou ba wang	
9.	'94 du bi dao zhi qing	
10.	'Abbot' and 'Cresceus' Race, The	

10 rows in set. Elapsed: 0.102 sec. Processed 477.04 thousand rows, 10.22 MB (4.70 million rows/s., 100.69 MB/s.)
Peak memory usage: 36.67 MiB.