

1. Создать БД и таблицы CREATE DATABASE imdb;
2. Вставить тестовые данные, используя функцию S3
- 3.
- а. Найти жанры для каждого фильма

```
envy :) SELECT name, genre from imdb.movies
INNER JOIN imdb.genres
ON movies.id = genres.movie_id limit 100

SELECT
    name,
    genre
FROM imdb.movies
INNER JOIN imdb.genres ON movies.id = genres.movie_id
LIMIT 100
```

Query id: ff35b36c-2a51-44b8-af2d-7bab03a6655d

	name	genre
1.	Vaiki Odunna Varathi	Musical
2.	Vaillancourt	Documentary
3.	Vaillancourt	Short
4.	Vaimoke	Comedy
5.	Vain kaksi tuntia	Drama
6.	Vain nelj kertaa	Comedy
7.	Vain sinulle	Romance
8.	Vaivaisukon morsian	Drama
9.	Vaivn	Drama
10.	Vaivn	Short
11.	Vai~E~Vem	Comedy
12.	Vai~E~Vem	Drama
13.	Vajas con Dios, gringo!	Western
14.	Vajda: kroz cijeli svijet	Animation
15.	Vajda: kroz cijeli svijet	Short
16.	Vajont - La diga del disonore	Drama
17.	Vajram	Action
18.	Vajram	Drama
19.	Vajza me pata	Animation

3.b. Запросить все фильмы, у которых нет жанра

```
envy :) SELECT name, genre from imdb.movies  
ANTI JOIN imdb.genres  
ON movies.id = genres.movie_id LIMIT 100
```

```
SELECT  
    name,  
    genre  
FROM imdb.movies  
ANTI LEFT JOIN imdb.genres ON movies.id = genres.movie_id  
LIMIT 100
```

Query id: 9fb46120-01a9-4b6f-ab9a-b3db7c8db047

	name	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	
11.	'Akasaka no shimai' yori: yoru no wada	
12.	'Bad Buck' of Santa Ynez	
13.	'Belle de Varsovie, La'	
14.	'Courier'	
15.	'El Chicko' - der Verdacht	
16.	'Gator and the Pickaninny, The	
17.	'Gladynya' na otdykhe	
18.	'Graf Waldersee'	
19.	'Hol zsarnoksg van' (Egy br visszaemlkezsei)	
20.	'I' of the Beholder, The	
21.	'Itch	
22.	'Jennie Deans', The	
23.	'Ks-Bels' letmdjas: Romvri Jzsef	

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

```

envy :) SELECT name, genre FROM movies
FULL OUTER JOIN genres
on movies.id = genres.movie_id LIMIT 100

SELECT
    name,
    genre
FROM movies
FULL OUTER JOIN genres ON movies.id = genres.movie_id
LIMIT 100
Query id: 49cdb788-58b7-4622-a780-1ada00353645

```

	name	genre
1.	Corto Maltese: La cour secrte des Arcanes	Adventure
2.	Corto Maltese: La cour secrte des Arcanes	Animation
3.	Corto Maltese: La cour secrte des Arcanes	Drama
4.	Corto Maltese: La cour secrte des Arcanes	Romance
5.	Corto silencio, Un	Short
6.	Cortos de las chicas de enfrente	Short
7.	Cortuga	Thriller
8.	Cortul	Drama
9.	Cortzar	Documentary
10.	Cortzar: Apuntes para un documento	Documentary
11.	Cortge	Short
12.	Cortge arabe	Documentary
13.	Cortge arabe	Short
14.	Cortge de la mi-carme	Short
15.	Cortge de la mi-carme, Le	Documentary
16.	Cortge de tzar allant Versailles	
17.	Cortge de tzar au Bois de Boulogne	
18.	Cortge du boeuf gras boulevard des Italiens	Short
19.	Cortge du plerinage des combattants de 1830 de Sainte-Walburge, Le	Documentary

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

```

envy :) SELECT name, genre FROM movies
LEFT JOIN genres
ON movies.id = genres.movie_id limit 100

SELECT
    name,
    genre
FROM movies
LEFT JOIN genres ON movies.id = genres.movie_id
LIMIT 100
Query id: a4688989-8e08-4ba2-8b00-5b58a2752985

```

	name	genre
1.	Vaiki Odunna Varathi	Musical
2.	Vaiki Vanna Vasantham	
3.	Vaillancourt	Documentary
4.	Vaillancourt	Short
5.	Vaimoke	Comedy
6.	Vain kaksi tuntia	Drama
7.	Vain laulajapoikia	
8.	Vain nelj kertaa	Comedy
9.	Vain sinulle	Romance
10.	Vainajan vaivat	
11.	Vaincre Olympie	
12.	Vaines recherches	
13.	Vainqueur de la course pdestre	
14.	Vainqueur, Le	
15.	Vairam	
16.	Vaisakha Rathiri	
17.	Vaishakh Vanwa	
18.	Vaishali	
19.	Vaivaiskon morsian	Drama
20.	Vaivn	Drama
21.	Vaivn	Short
22.	Vai~E~Vem	Comedy
23.	Vai~E~Vem	Drama

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

```
envy :) SELECT actors.first_name, roles.role, movies.name FROM actors
join roles on actors.id = roles.actor_id
join movies on movies.id = roles.movie_id limit 100
```

```
SELECT
  actors.first_name,
  roles.role,
  movies.name
FROM actors
INNER JOIN roles ON actors.id = roles.actor_id
INNER JOIN movies ON movies.id = roles.movie_id
LIMIT 100
```

Query id: 4cee879b-761b-476a-826e-33bcf80300be

	first_name	role	name
1.	Bryan	Ronald McDonald	Revenge of Billy the Kid
2.	Bryan	Michael	Rita, Sue and Bob Too
3.	Edward	Phillip's Lawyer	Friends at Last
4.	Edward	Interviewer	Giant Mine
5.	Edward	Professor	In Too Deep
6.	Edward	Teacher	Lucky Girl
7.	Edward	National Guardsman	Packin' It In
8.	Edward	Mr. Lachman	Rent-a-Kid
9.	Cláudio	Gonzaga	Coisa Mais Importante da Vida, A
10.	Cláudio	Psychiatrist	Um Homem Srio
11.	M.F.	"	Ontmaskerd
12.	Barry	Student	Above Suspicion
13.	Barry	Card Player	Forever and a Day
14.	Bobby	Bobby 'The Brain' Heenan	Andre the Giant: Larger Than Life
15.	Bobby	Himself (1994-2000) (announce	""World Wide Wrestling""
16.	Bobby	Himself (1993)	""WWF Monday Night RAW""
17.	Bobby	Himself	""WWF Prime-Time Wrestling""
18.	Bobby	Himself	""WWF Superstars of Wrestling""
19.	Bobby	Himself	WWE Wrestlemania XX
20.	Bobby	Bobby Heenan	WWE Supertape Vol. 3
21.	Bobby	Bobby 'The Brain' Heenan	""AWA All-Star Wrestling""
22.	Bobby	"Bobby ""The Brain"" Heenan"	""Steel Domain Wrestling""
23.	Bobby	Himself (1995-1999)	""WCW Monday Nitro""

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

```
envy :) SELECT movies.name, genres.genre from movies  
anti join genres on movies.id = genres.movie_id limit 100
```

```
SELECT  
    movies.name,  
    genres.genre  
FROM movies  
ANTI LEFT JOIN genres ON movies.id = genres.movie_id  
LIMIT 100
```

Query id: e722ec79-a095-45f5-91a2-b187a90a87d6

	name	genre
1.	Cortge de tzar allant Versailles	
2.	Cortge de tzar au Bois de Boulogne	
3.	Corvette Port Arthur	
4.	Corvi, I	
5.	Cos za cos	
6.	Cosa buffa, La	
7.	Cosa de locos	
8.	Cosa que no podra morir, La	
9.	Cosas de la vida	
10.	Cosas de mi mujer, Las	
11.	Cosas de mujer	
12.	Coscienza di Zeno, La	
13.	Cose da pazzi	
14.	Cosi fan tutte	
15.	Cosima's Lexikon	
16.	Cosmic Ark	
17.	Cosmic Banditos	
18.	Cosmic Coffee	
19.	Cosmic Sucker, The	
20.	Cosmo Warrior Zero	
21.	Cosmo's Tale	
22.	Cosmologia di Piazza del Popolo, La	
23.	Cosmopolis	
24.	Cosmos	
25.	Cosmos xana, O	
26.	Cossacks, The (1928/I)	