

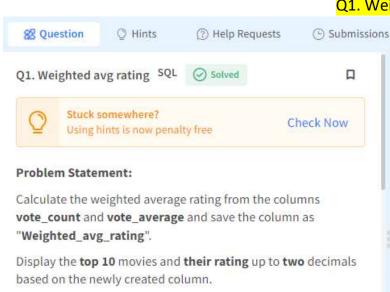
SQL_02 - Functions, Filtering and Subqueries

(I)	Name of the Problem	Туре ①	Difficulty	Score	Status	Submissions	Asked In	Actions
Q 1 [©]	Q1. Weighted avg rating	SQL	Hard	50.0 /50	⊘ Solved	2 submissions	돧	□ ② □ Solve
Q2 [©]	Q2. New Salary	SQL	Medium	50.0 /50	⊘ Solved	1 submissions	¥	□ ② □ Solve
Q4 [©]	Q3. Movies profit	SQL	Medium	50.0 /50	⊘ Solved	1 submissions	ē	☐ Solve
Q 5 ⁶⁰	Q4. Olympic Table	SQL	Easy	50.0/50	⊘ Solved	1 submissions	27	□ ③ □ Solve
0 P	Q5. Movies (Not Boring)	SQL	Hard	50.0 /50	⊘ Solved	1 submissions	ş	□ ② □ Solve
68 ₆	Q6. 2012-2015	SQL	Medium	50.0 /50	⊘ Solved	1 submissions	*	☐ ② ☐ Solve

0 &	Q7. Low Fat & Recyclable Products	SQL	Medium	50.0 /50	⊘ Solved	1 submissions	ŧ	Solve
QP	Q8. Problems that are low quality	SQL	Medium	50.0 /50	⊘ Solved	1 submissions	121	Solve
68 ₆	Q9. Letter 'n'	SQL	Medium	50.0 /50	⊘ Solved	1 submissions	23	Solve
Q [©]	Q10. Keywords	SQL	Hard	50.0/50	⊘ Solved	1 submissions	-	Solve
Q [⊘]	Q11. Concatenate the Name and the Profession	SQL	Easy	50.0 /50	⊘ Solved	1 submissions	. 50	Solve
Q ^Ø 12	Q12. Movie titles & Tagline	SQL	Medium	50.0 /50	⊘ Solved	1 submissions	49	Solve
Q [⊘] 13	Q13. Salary(5000-10000)	SQL	Medium	50.0/50	⊘ Solved	1 submissions	ŧ	Solve

Q1. Weighted avg rating

Discussions



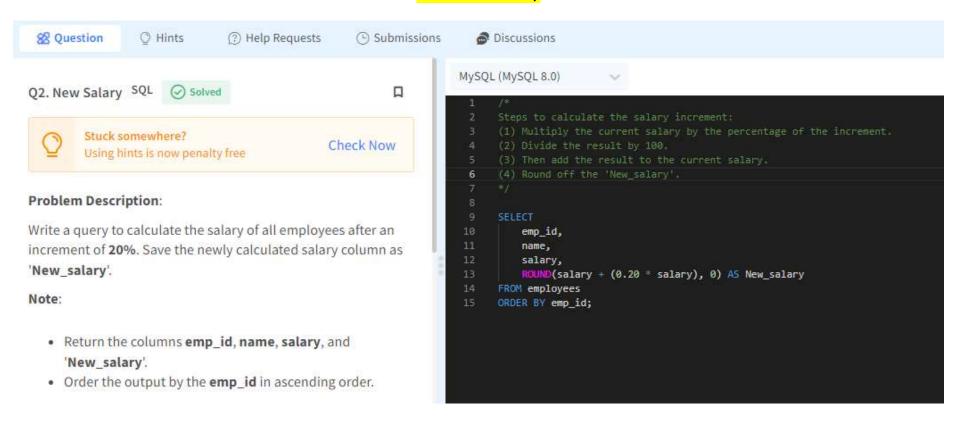
- Use the given movies table.
- Return the columns original_title,
 Weighted_avg_rating
- Return the output ordered by Weighted_avg_rating in descending order and original_title in ascending order.

Dataset description for movies table:

- 1) id tmdb movie id
- 2) imdb_id imdb movie id
- 3) popularity -A numeric quantity specifying the movie's popularity.
- 4) budget -The budget in which the movie was made.
- 5) revenue The worldwide revenue generated by the movie.
- 6) original title- The title of the movie
- 7) cast The name of the lead and supporting actors.
- 8) homepage A link to the homepage of the movie.
- 9) director The name of the director of the movie

- 10) tagline Movie's tagline.
- 11) keywords -The keywords or tags related to the movie.
- 12) overview -A brief description of the movie.
- 13) runtime -The running time of the movie in minutes.
- 14) genres -The genres of the movies
- 15) production companies-The production house of the movie.
- 16) release date -the date on which it was released.
- 17) vote count -the count of votes received.
- 18) vote average average ratings the movie received.
- 19) release year the year on which it was released

Q2. New Salary



Sample Input:

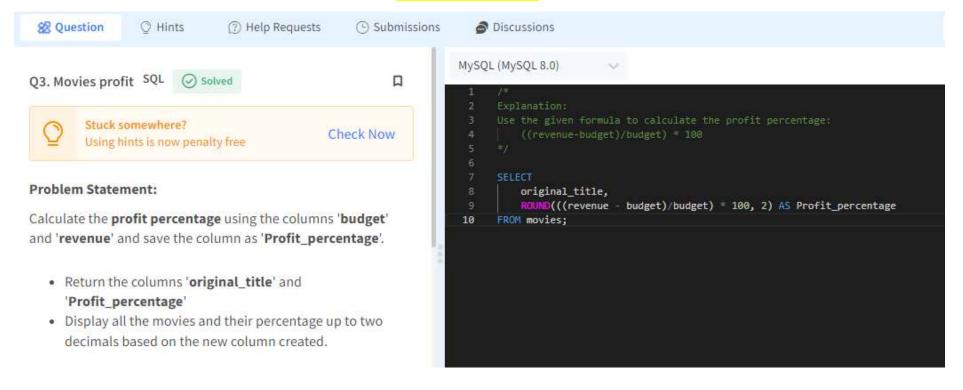
Table: employees

name	salary
Luis	6142
Den	11259
Alexander	5374
Shelli	12572
Sigal	6897
	Luis Den Alexander Shelli

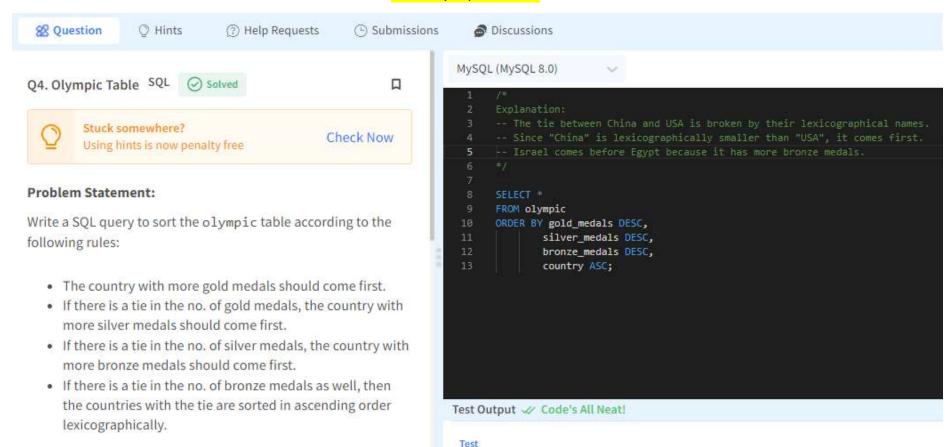
Sample Output:

emp_id	name	salary	New_salary
1	Luis	6142	7370
2	Den	11259	13511
3	Alexander	5374	6449
4	Shelli	12572	15086
5	Sigal	6897	8276

Q3. Movies profit



Q4. Olympic Table



Sample Input:

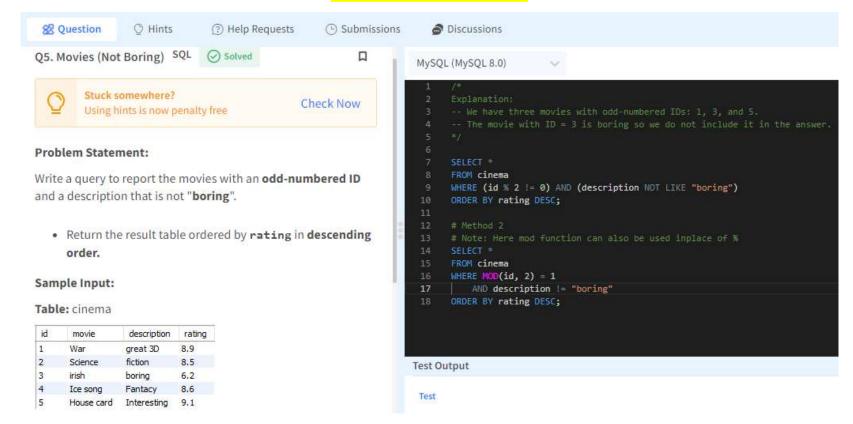
Table: olympic

country	gold_medals	silver_medals	bronze_medals
China	10	10	20
South Sudan	0	0	1
USA	10	10	20
Israel	2	2	3
Egypt	2	2	2

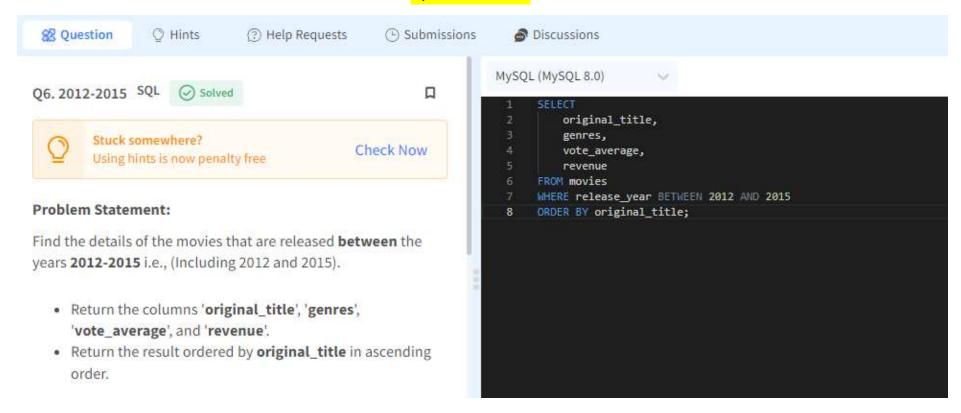
Sample output:

gold_medals	silver_medals	bronze_medals
10	10	20
10	10	20
2	2	3
2	2	2
0	0	1
	10 10 2 2	10 10 10 10 2 2 2 2 2

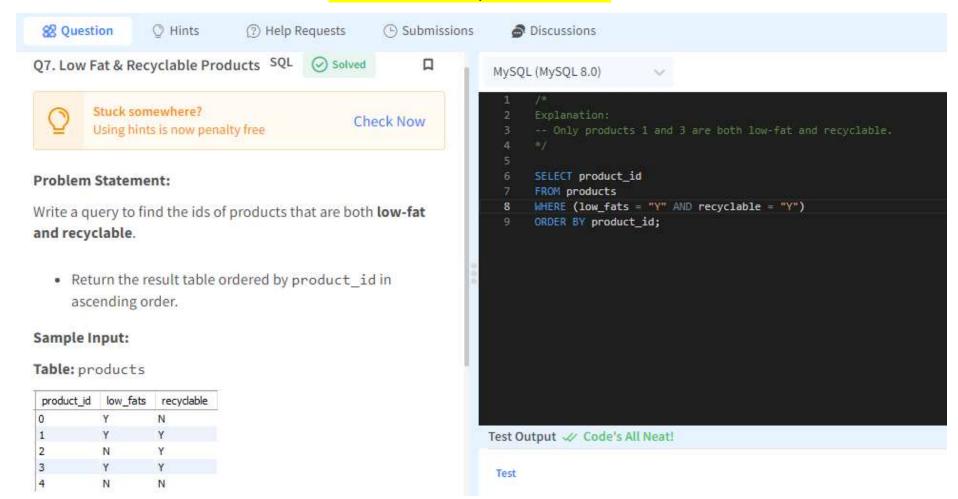
Q5. Movies (Not Boring)



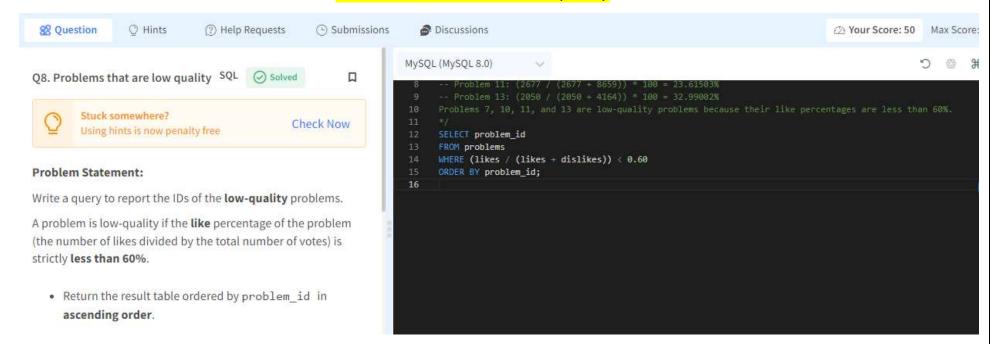
Q6. 2012-2015



Q7. Low Fat & Recyclable Products



Q8. Problems that are low quality



Sample Input:

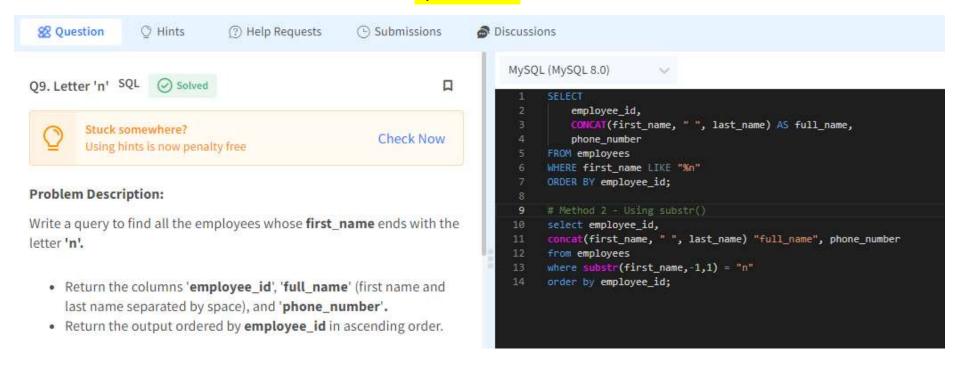
Table: problems

problem_id	likes	dislikes
6	1290	425
11	2677	8659
1	4446	2760
7	8569	6086
13	2050	4164
10	9002	7446

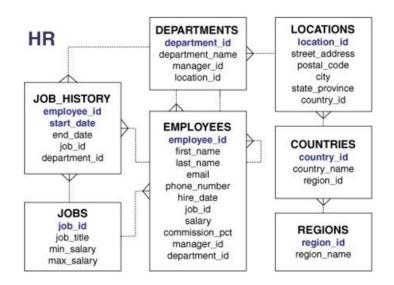
Sample output:

pro	blem_id
7	2.0
10	
11	
13	

Q9. Letter 'n'



Dataset Description:



Sample Input:

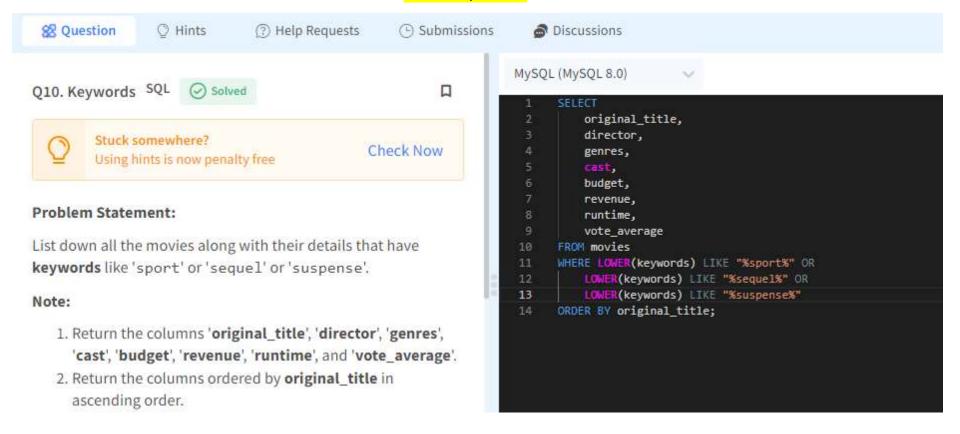
Table: employees

employee_id	first_name	last_name	email	phone_number	hire_date	job_id	salary	commission_pct	manager_id	department_id
100	Steven	King	SKING	515.123.4567	1987-06-17	AD_PRES	25000	COURS	THE REAL PROPERTY.	90
101	Neena	Kochhar	NKOCHHAR	515.123.4568	1989-09-21	AD_VP	17000	COUNTY	100	90
102	Lex	De Haan	LDEHAAN	515.123.4569	1993-01-13	AD_VP	17000	PROFILE	100	90
103	Alexander	Hunold	AHUNOLD	590.423.4567	1990-01-03	IT_PROG	9000	GUAN .	102	60

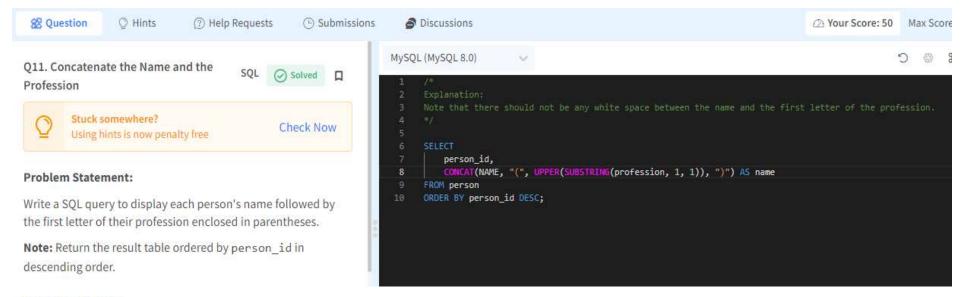
Sample Output:

employee_id	full_name	phone_number	
100	Steven King	515.123.4567	

Q10. Keywords



Q11. Concatenate the Name and the Profession



Sample Input:

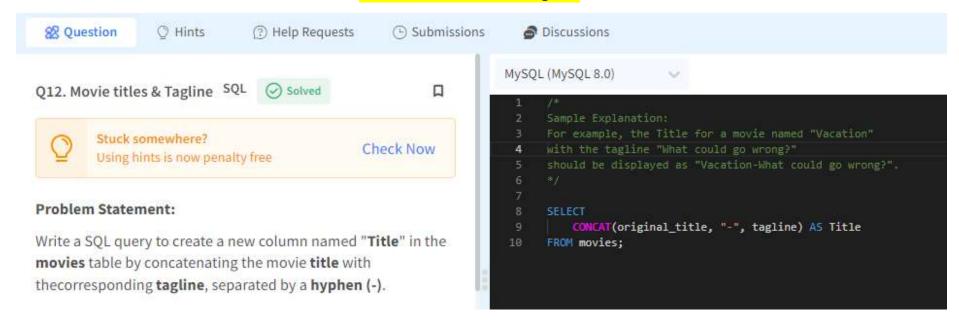
Table: person

person_id	name	profession
1	Alex	Singer
3	Alice	Actor
2	Bob	Player
4	Messi	Doctor
6	Tyson	Engineer
5	Meir	Lawyer

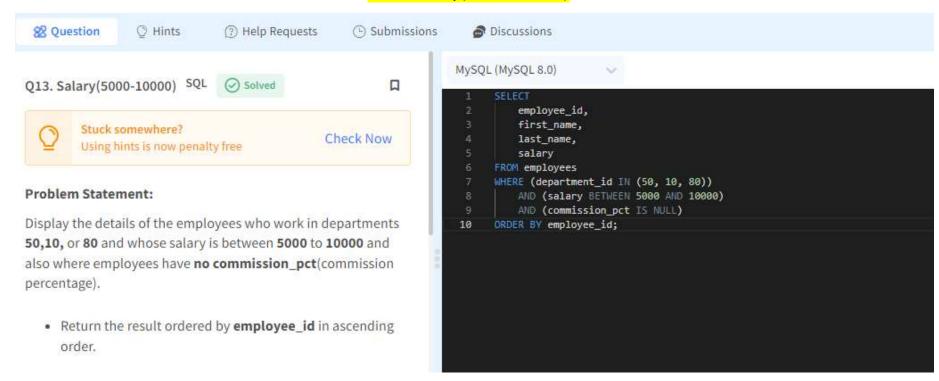
Sample Output:

person_id	name
6	Tyson(E)
5	Meir(L)
4	Messi(D)
3	Alice(A)
2	Bob(P)
1	Alex(S)

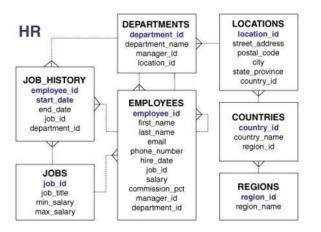
Q12. Movie titles & Tagline



Q13. Salary(5000-10000)



Dataset Description:



Sample Input:

Table: employees

employee_id	first_name	last_name	email	phone_number	hire_date	job_id	salary	commission_pct	manager_id	department_id
115	Alexander	Khoo	AKHOO	515.127.4562	1995-05-18	PU_CLERK	3100	HIDLA.	114	30
116	Shelli	Baida	SBAIDA	515.127.4563	1997-12-24	PU_CLERK	2900	DRIVE	114	30
117	Sigal	Tobias	STOBIAS	515.127.4564	1997-07-24	PU_CLERK	2800	DELLEG	114	30
118	Guy	Himuro	GHIMURO	515.127.4565	1998-11-15	PU_CLERK	2600	THE REAL PROPERTY.	114	30
119	Karen	Colmenares	KCOLMENA	515.127.4566	1999-08-10	PU_CLERK	2500	HULL	114	30
120	Matthew	Weiss	MWEISS	650.123.1234	1996-07-18	ST_MAN	8000	DESCRIPTION OF THE PERSON OF T	100	50
121	Adam	Fripp	AFRIPP	650.123.2234	1997-04-10	ST_MAN	8200	PRULL	100	50
122	Payam	Kaufling	PKAUFLIN	650.123.3234	1995-05-01	ST_MAN	7900	PARTE	100	50

Sample Output:

employee_id	first_name	last_name	salary
120	Matthew	Weiss	8000
121	Adam	Fripp	8200
122	Payam	Kaufling	7900