Question 1

Find the titles and release dates of movies that have the word "bank" in the overview column

Hint: Remember to include case sensitive logic Ex: "bank" vs "Bank"

Expected result:

Results (12) ⌄

title	release_date
"Ocean's Thirteen"	"2007-06-07"
"The Pursuit of Happyness"	"2006-12-14"
"괴물"	"2006-07-27"
"Inside Man"	"2006-03-23"
"American Psycho"	"2000-04-13"
"From Dusk Till Dawn"	"1996-01-19"
"The Shawshank Redemption"	"1994-09-23"
"The Mask"	"1994-07-29"
"Killing Zoe"	"1993-10-01"
"Ghost"	"1990-07-12"
"Mary Poppins"	"1964-08-27"
"It's a Wonderful Life"	"1946-12-20"

Schema:

movie	
# movie_id	int4
title	varchar
budget	int4
homepage	varchar
overview	varchar
popularity	numeric
release_date	date
revenue	int8
runtime	int4
movie_status	varchar
tagline	varchar
vote_average	numeric
vote_count	int4

Question 2

Find the title, release_date, and budget of movies that have a budget that is above the average budget.

Hint: use a subquery

Expected result:

Results (204) ⌄

title	release_date	budget
"Pirates of the Caribbean: On Stranger Tides"	"2011-05-14"	380000000
"Pirates of the Caribbean: At World's End"	"2007-05-19"	300000000
"Superman Returns"	"2006-06-28"	270000000
"Spider-Man 3"	"2007-05-01"	258000000
"Harry Potter and the Half-Blood Prince"	"2009-07-07"	250000000
"The Amazing Spider-Man"	"2012-06-27"	215000000
"King Kong"	"2005-12-14"	207000000
"Pirates of the Caribbean: Dead Man's Chest"	"2006-06-20"	200000000

Schema:

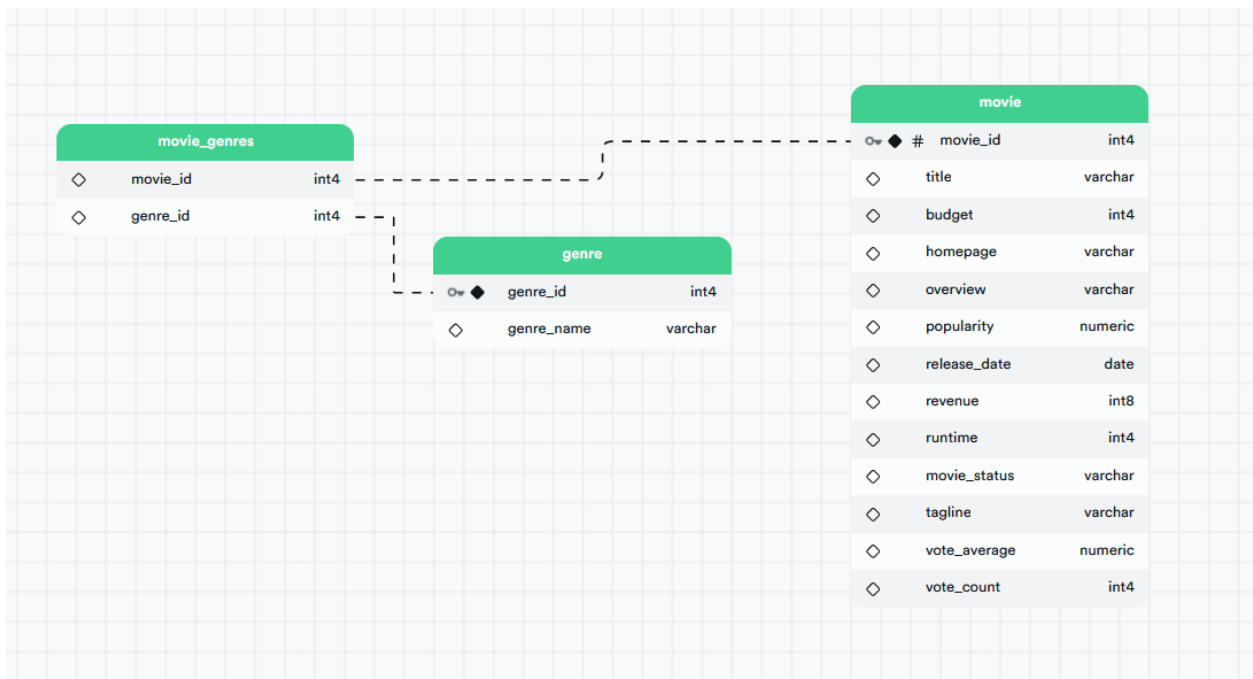| movie		
Oᵥ ◆ # movie_id		int4
◇ title		varchar
◇ budget		int4
◇ homepage		varchar
◇ overview		varchar
◇ popularity		numeric
◇ release_date		date
◇ revenue		int8
◇ runtime		int4
◇ movie_status		varchar
◇ tagline		varchar
◇ vote_average		numeric
◇ vote_count		int4

Question 3

Find the how many movies there are per movie genre

Hint: use GROUP BY and COUNT(*)

Expected result:

Results (18) ⌄

genre_name	count
"Drama"	304
"Action"	182
"Thriller"	181
"Adventure"	160
"Comedy"	145
"Crime"	122
"Romance"	110
"Science Fiction	108
"Fantasy"	85
"Family"	53

Schema:

movie_genres

◇	movie_id	int4
◇	genre_id	int4

genre

O⊸ ◆	genre_id	int4
◇	genre_name	varchar

movie

O⊸ ◆ #	movie_id	int4
◇	title	varchar
◇	budget	int4
◇	homepage	varchar
◇	overview	varchar
◇	popularity	numeric
◇	release_date	date
◇	revenue	int8
◇	runtime	int4
◇	movie_status	varchar
◇	tagline	varchar
◇	vote_average	numeric
◇	vote_count	int4

Question 4

Find the sum of all revenue for each year

Hint: use GROUP BY and SUM()

Expected result:

Results (66) ⌄

Year	Revenue
2006	"9457769559"
2005	"8177425868"
2004	"7694871690"
2001	"7387530730"
2003	"7213893909"
2007	"6880924476"
2002	"6871691037"
1997	"5510596427"
1999	"5091618795"

Schema:

movie	
⊶ ◆ # movie_id	int4
◇ title	varchar
◇ budget	int4
◇ homepage	varchar
◇ overview	varchar
◇ popularity	numeric
◇ release_date	date
◇ revenue	int8
◇ runtime	int4
◇ movie_status	varchar
◇ tagline	varchar
◇ vote_average	numeric
◇ vote_count	int4