Q1

--SELECT title, release\_date

--FROM movies.movie

--WHERE overview LIKE '%bank%'

--ORDER BY release\_date DESC;

Q2

--SELECT title, release\_date, budget

--FROM movies.movie

--WHERE budget >

               --(SELECT AVG(budget)

               -- FROM movies.movie)

--ORDER BY budget DESC;

Q3

--SELECT G.genre\_name, COUNT(\*)

--FROM movies.movie AS M

--JOIN movies.movie\_genres AS MG

  --ON M.movie\_id = MG.movie\_id

--JOIN movies.genre AS G

  --ON MG.genre\_id = G.genre\_id

--GROUP BY G.genre\_name

--ORDER BY count DESC;

Q4

--SELECT DATE\_PART('Year', release\_date) AS Year, SUM(revenue) as Revenue

--FROM movies.movie

--GROUP BY DATE\_PART('Year', release\_date)

--ORDER BY SUM(revenue) DESC;

Hocanın Çözümü

-- Homework solutions from week 4

--Question 1

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

--overview column

--Solution:

SELECT \*

FROM movies.movie

WHERE overview LIKE '%bank%' OR overview LIKE '%Bank%'

SELECT title, release\_date

FROM movies.movie

WHERE LOWER(overview) LIKE '%bank%'

ORDER BY release\_date DESC

--Question 2

--Find the title, release\_date, and budget of movies that have a budget that is

--above the average budget.

--Solution:

SELECT title, release\_date, budget

FROM movies.movie

WHERE budget >= (SELECT AVG(budget) FROM movies.movie)

ORDER BY budget DESC

--Question 3

--Find the how many movies there are per movie genre

--Hint: use GROUP BY and COUNT(\*)

SELECT G.genre\_name, COUNT(\*)

FROM movies.movie AS M

JOIN movies.movie\_genres AS MG ON M.movie\_id = MG.movie\_id

JOIN movies.genre AS G ON MG.genre\_id = G.genre\_id

GROUP BY G.genre\_name

ORDER BY COUNT(\*) DESC

SELECT COUNT(\*)

FROM movies.movie

--Question 4

--Find the sum of all revenue for each year

--Hint: use GROUP BY and SUM()

SELECT DATE\_PART('Year', release\_date) AS "Year", CAST(SUM(revenue) as money) AS "Revenue"

FROM movies.movie

GROUP BY DATE\_PART('Year', release\_date)

ORDER BY SUM(revenue) DESC

SELECT SUBSTRING(cast(release\_date as varchar) FROM 1 FOR 4)::INTEGER AS datess ,

       sum(m.revenue) as toplam

FROM movies.movie as m

group by  datess

order by toplam desc