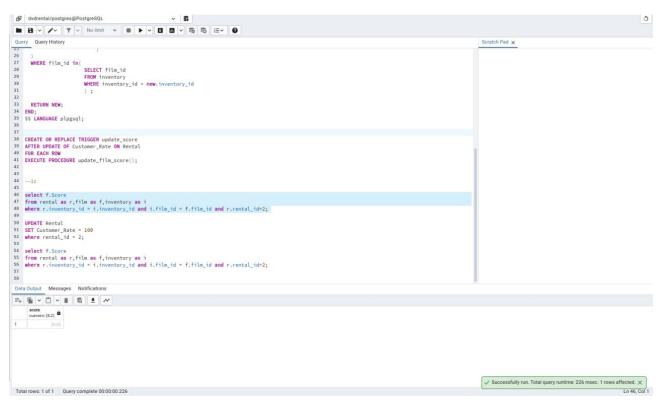
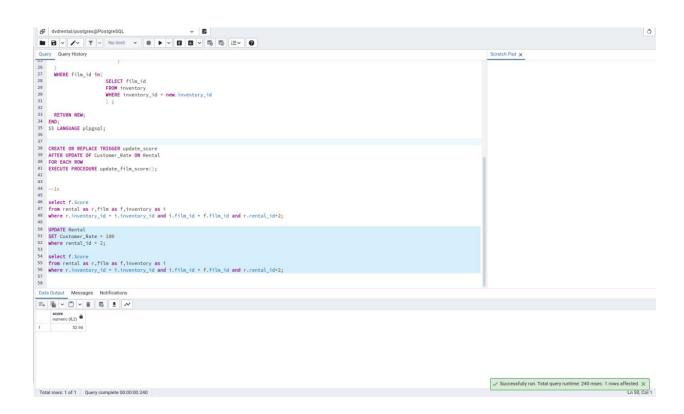


1b

```
| State | Control | Processor | Processor
```

1c





2-

```
Query Query History
58
quartile
                                                                                                                                                                                   Aa .*
                                                                                                                                                            1 V
                                                                                                                                                                                        ×
63<sub>W</sub> BEGIN
     RETURN QUERY
         SELECT f.film_id, COUNT(r.rental_id) , CAse when AVG(r.customer_rate) is NULL then 0 else AVG(r.customer_rate) end FROM film f
65
66
67
FROM film f

JOIN film_actor fa ON f.film_id = fa.film_id

left JOIN inventory i ON f.film_id = 1.film_id

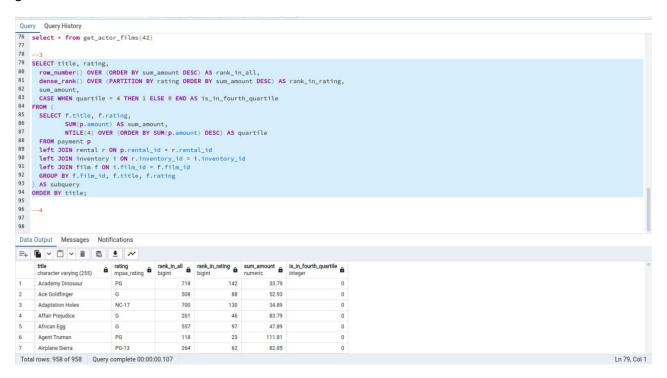
left JOIN rental r ON i.inventory_id = r.inventory_id

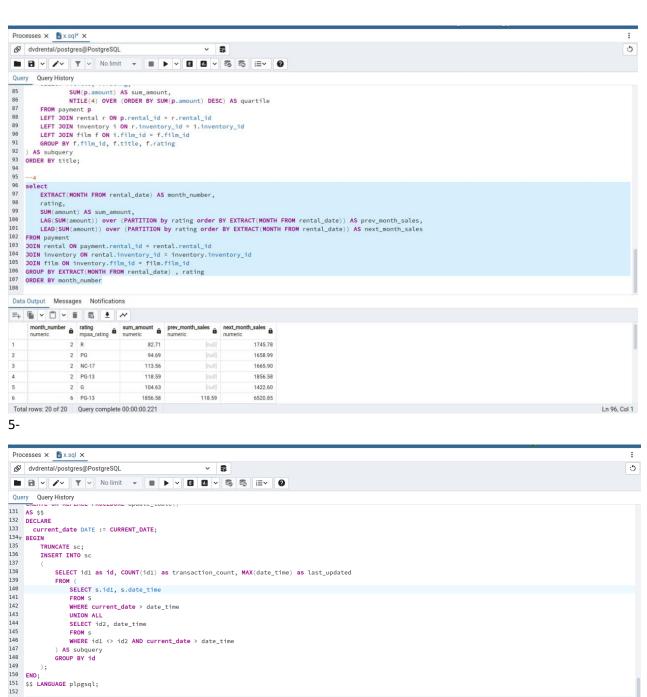
WHERE fa.actor_id = p_actor_id

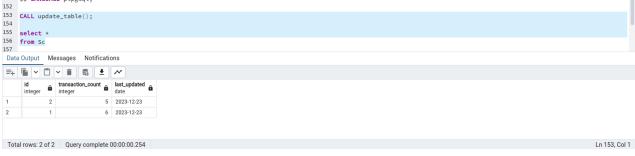
GROUP BY f.film_id

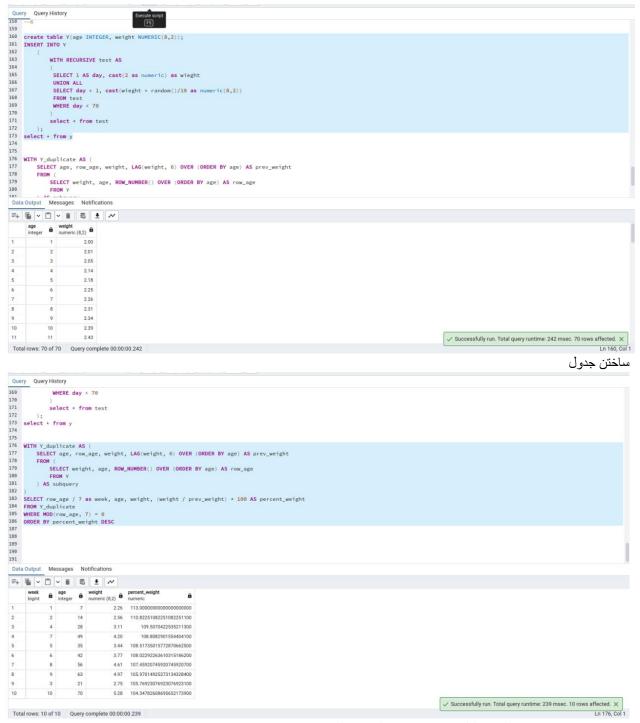
order by f.film_id;
74 $$ LANGUAGE plpgsql;
76 select * from get_actor_films(42)
78 --- 3
79 WITH film_summary AS (
80
     SELECT
Data Output Messages Notifications
= 6 · 0 · 1 8 ± w
     film_id rental_count a customer_satisfaction a numeric
       673
                         14 50.0000000000000000
15
16
           687
                        26 50.00000000000000000
          713
17
           18
19
20
Total rows: 27 of 27 Query complete 00:00:00.051
                                                                                                                                                                                Ln 60, Col 1
```

3-

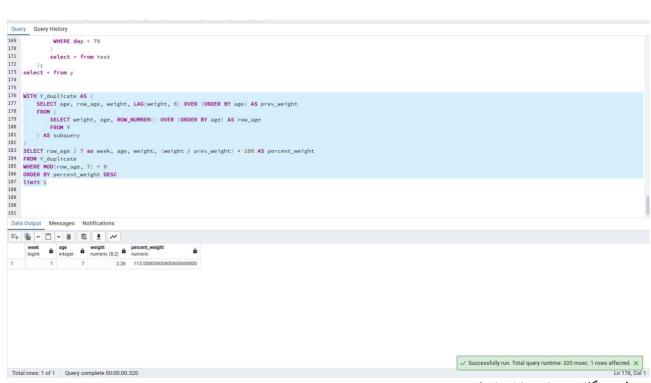








نسبت رشد در هر هفته برای خوانایی بیشتر ۱۰۰ برابر شده است



لیمیت گذاشتن برای نمایش ۱ رکورد