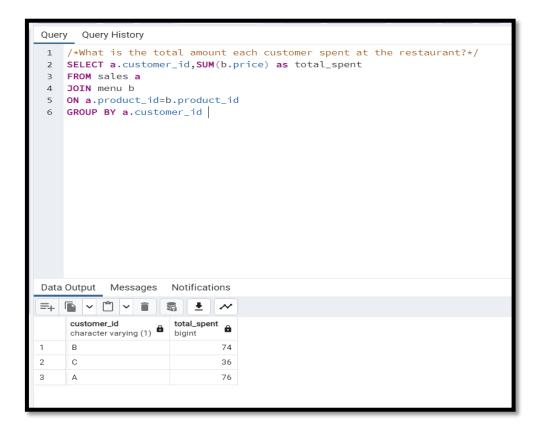
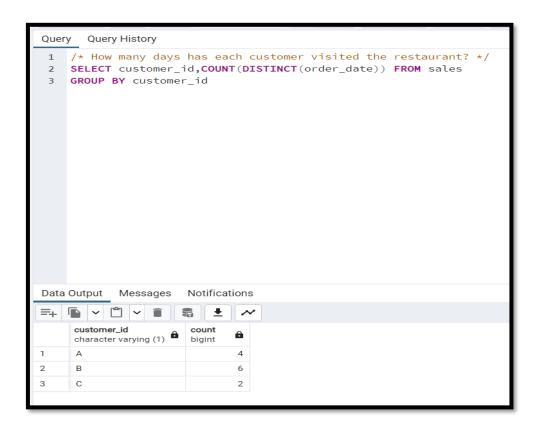
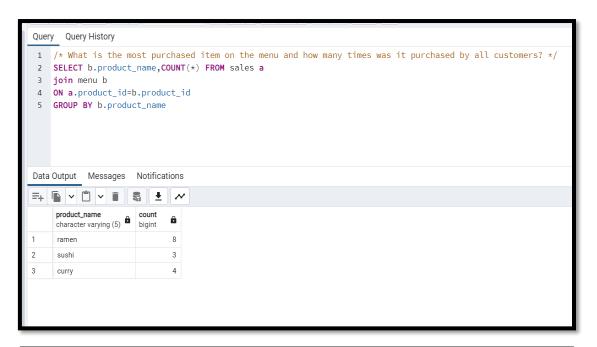
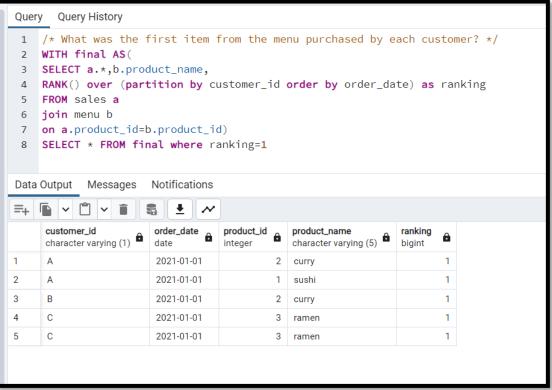
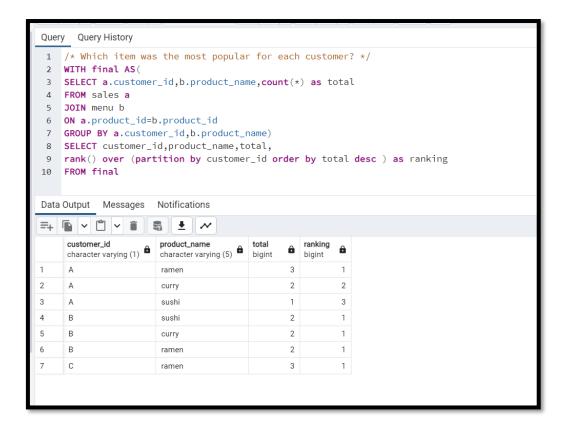
## **SQL Case Study Challenge-Danny's Dinner**



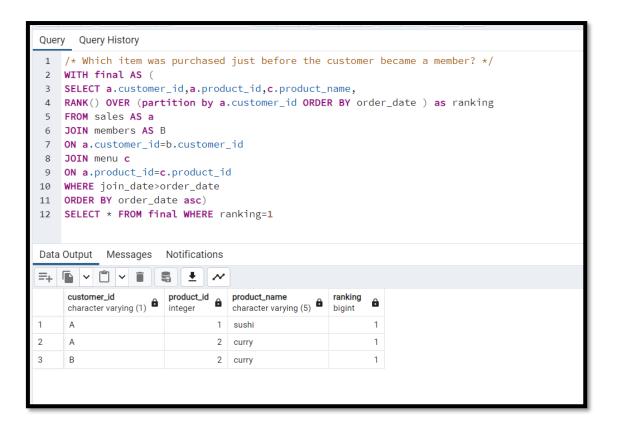


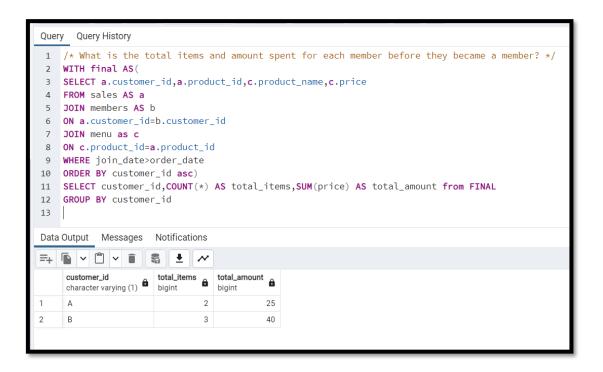






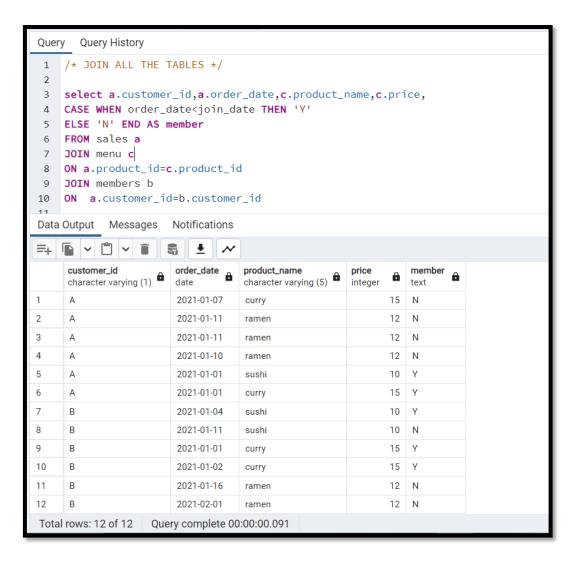


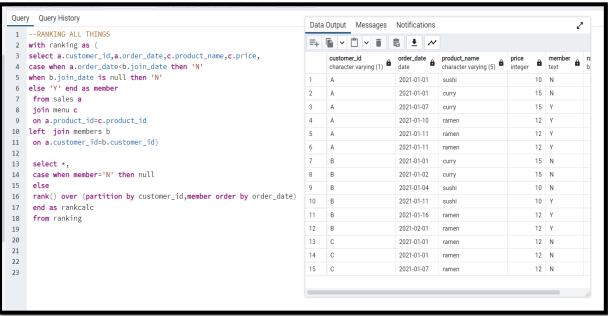




```
Query Query History
 1 /* If each $1 spent equates to 10 points and sushi has a 2x points multiplier
       - how many points would each customer have? */
    WITH final AS (
   SELECT a.customer_id,c.product_name,c.price,
   CASE WHEN product_name='sushi' then 2*c.price
   else c.price end as new_price
    FROM sales a
 8 JOIN menu c
 9
    ON c.product_id=a.product_id
10 ORDER BY customer_id asc)
    SELECT customer_id,sum(new_price) *10 as final_price FROM final
11
    GROUP BY customer_id
12
13
Data Output Messages Notifications
                         <u>+</u>
final_price
     customer_id
    character varying (1)
                     bigint
                            860
2
     В
                            940
     С
3
                            360
```

```
Query
     Query History
   /* In the first week after a customer joins the program
1
2
       (including their join date) they earn 2x points on all
3
       items, not just sushi - how many points do customer A
       and B have at the end of January? */
4
   with finalpoints as (
5
6
   select a.customer_id,a.order_date,c.product_name,c.price,
   case when product_name='sushi' then 2*c.price
7
   when a.order_date between b.join_date
   and (b.join_date+ interval 6 day) then 2*c.price
9
   else c.price end as newprice
10
11
     from cricket.sales1 a
12
     join cricket.menu1 c
     on a.product_id=c.product_id
13
14
     join cricket.members1 b
15
     on a.customer_id=b.customer_id
     where a.order_date<='2021-01-31'
16
17
   select customer_id,sum(newprice)*10 from finalpoints
18
    group by customer_id
19
20
```





\*\*\*\*\*