-- 1. What is the total amount each customer spent at the restaurant?

select members.customer\_id as CustomerID, sum(menu.price) as TotalSpent from members, sales, menu where members.customer\_id = sales.customer\_id and menu.product\_id = sales.product\_id group by members.customer\_id order by TotalSpent desc

-- 2. How many days has each customer visited the restaurant?

select members.customer\_id as CustomerID, count(sales.order\_date) as days from members, sales, menu where members.customer\_id = sales.customer\_id and menu.product\_id = sales.product\_id group by members.customer\_id;

-- 3. What was the first item from the menu purchased by each customer?

select distinct me.product\_name as Item,a.customer\_id,a.date from menu as me,sales as s,

(select min(order\_date) as date,customer\_id from sales group by customer\_id) as a where a.customer\_id='C'

and s.order\_date=a.date and s.product\_id=me.product\_id

-- 4. What is the most purchased item on the menu and how many times was it purchased by all customers?

-- 5. Which item was the most popular for each customer?

-- 6. Which item was purchased first by the customer after they became a member?

-- 7. Which item was purchased just before the customer became a member?

-- 8. What is the total items and amount spent for each member before they became a member?

-- 9. If each $1 spent equates to 10 points and sushi has a 2x points multiplier - how many points would each customer have?

-- 10. In the first week after a customer joins the program (including their join date) they earn 2x points on all items, not just sushi - how many points do customer A and B have at the end of January?