**SQL CODING CHALLENGE**

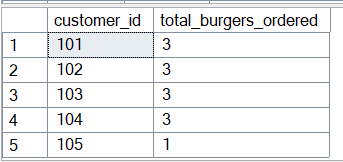
**AGGREGATE FUNCTIONS- GROUP BY-HAVING-JOINS**

use burger\_bash;

**1. For each customer, how many total burgers did they order?**

select customer\_id, count(\*) as total\_burgers\_ordered

from customer\_orders group by customer\_id;

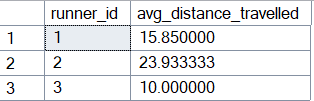


**2. What is the average distance travelled by each runner?**

select runner\_id,avg(distance) as avg\_distance\_travelled

from runner\_orders

group by runner\_id;

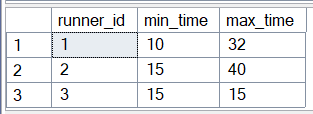


**3. Find the minimum and maximum delivery time for each runner.**

select runner\_id,min(duration) as min\_time,max(duration) as max\_time

from runner\_orders where duration is not null

group by runner\_id;



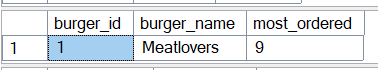
**4. Which menu item was ordered the most number of times?**

select top 1 c.burger\_id,b.burger\_name,count(\*) as most\_ordered

from customer\_orders c join burger\_names b on c.burger\_id=b.burger\_id

group by c.burger\_id,b.burger\_name

order by most\_ordered desc;



**5. Find the average number of burgers ordered per customer, but only include customers who ordered more than 2 times.**

select customer\_id, count(\*) as total\_orders, avg(burger\_id\*1.0) as avg\_order\_value

from customer\_orders

group by customer\_id

having count(\*) > 2;

