



# Assessment Test 1

## ASSESSMENT TEST 1 COMPLETE THE FOLLOWING TASKS!

1. Return the customer IDs of customers who have spent at least \$110 with the staff member who has an ID of 2.

```
SELECT staff_id, customer_id FROM payment
GROUP BY staff_id ,customer_id
HAVING SUM(amount) >= 110
AND staff_id = 2;
```

#Answer

```
SELECT customer_id,SUM(amount)
FROM payment
WHERE staff_id = 2
GROUP BY customer_id
HAVING SUM(amount) > 110;
```

Data Output		Messages	Notifications
	staff_id smallint	customer_id smallint	
1	2	187	
2	2	148	

Data Output		Messages	Notifications
	customer_id smallint	sum numeric	
1	187	110.81	
2	148	110.78	

The answer should be customers 187 and 148.

2. How many films begin with the letter J?

```
SELECT COUNT(*) FROM film
WHERE title LIKE 'J%';
```

```
#Answer
SELECT COUNT(*) FROM film
WHERE title LIKE 'J%';
```

Data Output			Messages	Notifications
	count			
	bigint			
1		20		

The answer should be 20.

3. What customer has the highest customer ID number whose name starts **with** an 'E' **and** has an address ID lower than 500?

```
SELECT first_name,last_name FROM customer
WHERE first_name LIKE 'E%'
AND address_id < 500
GROUP BY first_name, last_name, customer_id
ORDER BY customer_id DESC
LIMIT 1;
```

```
#Answer
SELECT first_name,last_name FROM customer
WHERE first_name LIKE 'E%'
AND address_id <500
ORDER BY customer_id DESC
LIMIT 1;
```

Data Output			Messages	Notifications
	first_name			
	character varying (45)			
		last_name		
		character varying (45)		
1	Eddie	Tomlin		

The answer is Eddie Tomlin

