

```
1 SELECT customer_id, sum(amount)
2 from payment
3 group by customer_id
4 order by sum(amount) desc
5 limit 5
6
```

	customer_id smallint	sum numeric
1	148	211.55
2	526	208.58
3	178	194.61
4	137	191.62
5	144	189.60

Query Editor Query History

```
1 Select customer_id,SUM(amount) FROM payment
2 GROUP BY customer_id
3 HAVING SUM(amount)> 100
```

Data Output Explain Messages Notifications

	customer_id smallint	sum numeric
1	87	137.72
2	477	106.79
3	273	130.72
4	550	151.69
5	51	123.70
6	190	102.75
7	424	109.71
8	406	121.69
9	176	151.68
10	576	135.68
11	309	113.75

```
1 Select customer_id, count(payment_id) FROM payment
2 GROUP BY customer_id
3 HAVING count(payment_id) >= 40
```

	customer_id smallint	count bigint
1	144	40
2	526	42
3	148	45



```
1 Select customer_id,SUM(amount) FROM payment
2 Where staff_id = 2
3 GROUP BY customer_id
4 HAVING SUM(amount)> 100
```

	customer_id smallint	sum numeric
1	187	110.81
2	522	102.80
3	526	101.78
4	211	108.77
5	148	110.78

```
1 Select customer_id,SUM(amount) FROM payment
2 Where staff_id = 2
3 GROUP BY customer_id
4 HAVING SUM(amount)> 100
```

	customer_id smallint	sum numeric
1	187	110.81
2	522	102.80
3	526	101.78
4	211	108.77
5	148	110.78

```

1  Select payment_id, payment.customer_id, first_name from payment
2  Inner Join customer
3  on payment.customer_id = customer.customer_id
    
```

	payment_id integer	customer_id smallint	first_name character varying (45)
1	17503	341	Peter
2	17504	341	Peter
3	17505	341	Peter
4	17506	341	Peter
5	17507	341	Peter
6	17508	341	Peter
7	17509	342	Harold
8	17510	342	Harold
9	17511	342	Harold
10	17512	343	Douglas
11	17513	343	Douglas

```

1  Select* From customer
2  Full outer JOIN  payment
3  on customer.customer_id = payment.customer_id
4  where customer.customer_id is null
5  or payment.payment_id is null

```

	customer_id integer	store_id smallint	first_name character varying (45)	last_name character varying (45)	email character varying (50)	address smallint
1166	40	2	Amanda	Carter	amanda.carter@sakilacusto...	
1167	40	2	Amanda	Carter	amanda.carter@sakilacusto...	
1168	41	1	Stephanie	Mitchell	stephanie.mitchell@sakilacu...	
1169	41	1	Stephanie	Mitchell	stephanie.mitchell@sakilacu...	
1170	42	2	Carolyn	Perez	carolyn.perez@sakilacusto...	
1171	42	2	Carolyn	Perez	carolyn.perez@sakilacusto...	
1172	42	2	Carolyn	Perez	carolyn.perez@sakilacusto...	
1173	42	2	Carolyn	Perez	carolyn.perez@sakilacusto...	
1174	43	2	Christine	Roberts	christine.roberts@sakilacust...	
1175	44	1	Marie	Turner	marie.turner@sakilacustom...	

```
1 select film.film_id, title, inventory_id, store_id
2 from film
3 left join inventory on
4 inventory.film_id = film.film_id
5 where inventory.film_id is null
```

	film_id integer		title character varying (255)		inventory_id integer		store_id smallint	
1	14		Alice Fantasia		[null]		[null]	
2	33		Apollo Teen		[null]		[null]	
3	36		Argonauts Town		[null]		[null]	
4	38		Ark Ridgemont		[null]		[null]	
5	41		Arsenic Independence		[null]		[null]	
6	87		Boondock Ballroom		[null]		[null]	
7	108		Butch Panther		[null]		[null]	
8	128		Catch Amistad		[null]		[null]	
9	144		Chinatown Gladiator		[null]		[null]	
10	148		Chocolate Duck		[null]		[null]	
11	171		Commandments Express		[null]		[null]	


```

1 SELECT district, email
2 FROM address
3 INNER JOIN customer
4 ON address.address_id = customer.address_id
5 WHERE district = 'California'

```

	district character varying (20) 🔒	email character varying (50) 🔒	
1	California	patricia.johnson@sakilacust...	
2	California	betty.white@sakilacustomer....	
3	California	alice.stewart@sakilacustom...	
4	California	rosa.reynolds@sakilacusto...	
5	California	renee.lane@sakilacustomer....	
6	California	kristin.johnston@sakilacust...	
7	California	cassandra.walters@sakilacu...	
8	California	jacob.lance@sakilacustome...	
9	California	rene.mcalister@sakilacusto...	

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Query Editor Query History

```

1 SELECT title, first_name, last_name
2 FROM film_actor
3 INNER JOIN actor
4 on film_actor.actor_id = actor.actor_id
5 Inner Join film
6 on film_actor.film_id = film.film_id
7 Where first_name = 'Nick' and last_name = 'Wahlberg'

```

Data Output Explain Messages Notifications

	title character varying (255)	first_name character varying (45)	last_name character varying (45)
1	Adaptation Holes	Nick	Wahlberg
2	Apache Divine	Nick	Wahlberg
3	Baby Hall	Nick	Wahlberg
4	Bull Shawshank	Nick	Wahlberg
5	Chainsaw Uptown	Nick	Wahlberg
6	Chisum Behavior	Nick	Wahlberg
7	Destiny Saturday	Nick	Wahlberg
8	Dracula Crystal	Nick	Wahlberg
9	Fight Jawbreaker	Nick	Wahlberg
10	Flash Wars	Nick	Wahlberg
11	Gilbert Pelican	Nick	Wahlberg