

Supplier Customer Day 1 Assignment

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1. Display all suppliers who stays in state either in California or Texas or Arkansas

```
mysql> select * from suppliers where state regexp '^[CTA]';
```

supplier_id	supplier_name	city	state
200	Google	Mountain View	California
300	Oracle	Redwood City	California
400	Kimberly-Clark	Irving	Texas
500	Tyson Foods	Springdale	Arkansas
700	Dole Food Company	Westlake Village	California
900	Electronic Arts	Redwood City	California

2. List all suppliers who does not stay in Springdale

```
mysql> select * from suppliers where city regexp '^[^S]';
```

supplier_id	supplier_name	city	state
100	Microsoft	Redmond	Washington
200	Google	Mountain View	California
300	Oracle	Redwood City	California
400	Kimberly-Clark	Irving	Texas
600	SC Johnson	Racine	Wisconsin
700	Dole Food Company	Westlake Village	California
800	Flowers Foods	Thomasville	Georgia
900	Electronic Arts	Redwood City	California

3. Find orderid and customerid for orders place on date 18-feb-16

```
mysql> select order_id, customer_id from orders where order_date = '2016-02-18';
```

order_id	customer_id
4	4000
5	NULL

4. Find orderid and customerid for orders place on feb 2016

```
mysql> select order_id, customer_id from orders where order_date between '2016-02-01' and '2016-02-29';
```

order_id	customer_id
4	4000
5	NULL

2 rows in set (0.00 sec)

5. Find all customers with name 'Reynolds', or Anderson

```
mysql> select * from customers where last_name regexp '^[RA]';
```

customer_id	last_name	first_name	favorite_website
7000	Reynolds	Allen	checkyourmath.com
8000	Anderson	Paige	NULL

6. Find all suppliers with supplierid >=200 and <=700

```
mysql> select * from suppliers where supplier_id between 200 and 700;
```

supplier_id	supplier_name	city	state
200	Google	Mountain View	California
300	Oracle	Redwood City	California
400	Kimberly-Clark	Irving	Texas
500	Tyson Foods	Springdale	Arkansas
600	SC Johnson	Racine	Wisconsin
700	Dole Food Company	Westlake Village	California

7. find all customers for whom favorite_website is not given

```
mysql> select * from customers where favorite_website is NULL;
+-----+-----+-----+-----+
| customer_id | last_name | first_name | favorite_website |
+-----+-----+-----+-----+
|          8000 | Anderson | Paige      | NULL             |
+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

8. find all customers for whome favorite_website is given

```
mysql> select * from customers where favorite_website is not NULL;
+-----+-----+-----+-----+
| customer_id | last_name | first_name | favorite_website |
+-----+-----+-----+-----+
|          4000 | Jackson  | Joe        | techonthenet.com |
|          5000 | Smith    | Jane       | digminecraft.com |
|          6000 | Ferguson | Samantha   | bigactivities.com |
|          7000 | Reynolds | Allen      | checkyourmath.com |
|          9000 | Johnson  | Derek      | KLFSpro.com       |
+-----+-----+-----+-----+
```

9. find all suppliers with supplierid not >=200 and not <=700

```
mysql> select * from suppliers where supplier_id not between 200 and 700;
+-----+-----+-----+-----+
| supplier_id | supplier_name | city          | state          |
+-----+-----+-----+-----+
|          100 | Microsoft     | Redmond       | Washington     |
|          800 | Flowers Foods | Thomasville   | Georgia        |
|          900 | Electronic Arts | Redwood City | California     |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```