

B08901019 吳冠緯

1.

select count(\*) from employ where Address like '%Reade%';

```
mysql> select count(*) from employ where Address like '%Reade%';
+-----+
| count(*) |
+-----+
|          3 |
+-----+
1 row in set (0.00 sec)
```

2.

select count(\*) from assignment where StartDate like '%2010%' and TermDate like '%2011%';

```
mysql> select count(*) from assignment where StartDate like '%2010%' and TermDate like '%2011%';
+-----+
| count(*) |
+-----+
|          0 |
+-----+
1 row in set (0.00 sec)
```

3.

select employ.Name, employ.EmpId from employ join assignment on employ.EmpId = assignment.EmpId group by EmpId having count(\*) = 2;

```
mysql> select employ.Name, employ.EmpId from employ join assignment on employ.EmpId = assignment.EmpId group by EmpId having count(*) = 2;
+-----+-----+
| Name | EmpId |
+-----+-----+
| Alexander | 53K29 |
| Abigail | 66Z60 |
| Madison | 93P96 |
| Chloe | 28Y11 |
+-----+-----+
4 rows in set (0.00 sec)
```

4.

select count(\*) from job join assignment on job.JobId = assignment.JobId where job.JobTitle like '%Service%';

```
mysql> select count(*) from job join assignment on job.JobId = assignment.JobId where job.JobTitle like '%Service%';
+-----+
| count(*) |
+-----+
|          14 |
+-----+
1 row in set (0.00 sec)
```

5.

select count(\*), JobTitle from job join assignment on job.JobId = assignment.JobId group by job.JobId order by count(\*) desc limit 5;

```
mysql> select count(*), JobTitle from job join assignment on job.JobId = assignment.JobId group by job.JobId order by count(*) desc limit 5;
+-----+-----+
| count(*) | JobTitle |
+-----+-----+
|          5 | Cook |
|          5 | Dishwasher |
|          4 | Cashier |
|          4 | Food Technologist |
|          4 | Executive Chef |
+-----+-----+
5 rows in set (0.00 sec)
```

6.

select count(distinct Dept) from (employ join assignment on employ.EmpId = assignment.EmpId) join job on assignment.JobId = job.JobId where employ.Name like

'Aiden' ;

```
mysql> select count(distinct Dept) from (employ join assignment on employ.EmpId = assignment.EmpId) join job on assignment.JobId = job.JobId where employ.Name like 'Aiden';
+-----+
| count(distinct Dept) |
+-----+
| 1 |
+-----+
1 row in set (0.00 sec)
```

7.

select Dept, count(distinct assignment.EmpId) from (employ join assignment on employ.EmpId = assignment.EmpId) join job on assignment.JobId = job.JobId group by Dept order by count(distinct assignment.EmpId) desc ;

```
mysql> select Dept, count(distinct assignment.EmpId) from (employ join assignment on employ.EmpId = assignment.EmpId) join job on assignment.JobId = job.JobId group by Dept order by count(distinct assignment.EmpId) desc;
+-----+-----+
| Dept | count(distinct assignment.EmpId) |
+-----+-----+
| E | 14 |
| C | 8 |
| D | 8 |
| A | 7 |
| B | 7 |
+-----+-----+
5 rows in set (0.00 sec)
```