1-Invalid Tweets

```sql
select tweet_id from Tweets where LENGTH(content)>15;
```

2-Fix Names in a Table

```sql
select user_id ,concat(upper(LEFT(name,1)),lower(substring(name,2,LENGTH(name)))) as
"name" from Users order by user_id;
```

3-Calculate Special Bonus

```sql
select employee_id ,
case  when employee_id %2=0 or name  like 'M%' then 0
else salary END "bonus"
 from Employees order by employee_id;
```

4-Patients With a Condition

```sql
select patient_id ,patient_name,conditions from Patients where conditions like
'DIAB1%' or conditions like '% DIAB1%';
```

5-Find Total Time Spent by Each Employee

```sql
select event_day as "day",emp_id,sum(out_time-in_time) as "total_time" from Employees
group by emp_id,event_day;
```
6-Find Followers Count

```sql
select user_id,count(follower_id) as "followers_count"from Followers group by user_id
order by user_id;
```

7-Daily Leads and Partners

```sql
select date_id ,make_name,count(distinct lead_id )as "unique_leads",count(distinct
partner_id)as"unique_partners"  from DailySales group by date_id,make_name;
```

8-Actors and Directors Who Cooperated At Least Three

Times

```sql
select  actor_id ,director_id from ActorDirector group by actor_id ,director_id
having count(*)>=3;
```

9-Classes With at Least 5 Students

```sql
select class from Courses group by class having count(*)>=5;
```
10-Game Play Analysis I

```sql
select player_id,min(event_date) as "first_login"from Activity group by player_id ;
```

11-Capital Gain/Loss

```sql
select stock_name ,
sum(case when operation='Buy' then -price
else price END) as "capital_gain_loss"
 from Stocks  group by stock_name;
```

12-Second Highest Salary

```sql
select max(salary) as"SecondHighestSalary" from Employee
where salary<(select max(salary) from Employee);
```