**SQL Practice Problems: Hotel I**

**Problem Statement**

The dataset has feedback details for various hotel. Use the data to solve problems

1.Check if the table has distinct hotels or not. To check this one can count hotel addresses distinctly and non-distinctly. If both the numbers are different, it means that table has duplicate hotel addresses

**Expected Output:** Count of Addresses and count of distinct address

select

count(hotel\_address),

count(distinct hotel\_address)

from hotel

2.Find out the hotel address which are getting repeated in the data.

**Expected Output:**Hotel Address and count of occurrence in the dataset (more than 1 only). Sort the output with occurrence in descending order

select

hotel\_address,

count(hotel\_address) as repeate

from hotel

group by 1

having count(hotel\_address) >1

order by 2 desc

3.Find hotels in the Netherlands that got complaints from guests about room dirtiness (the word "dirty" in its negative review).

**Expected Output**: Distinct Hotel address in ascending order

select

distinct hotel\_address

from hotel

where

negative\_review ILIKE '%dirty%' AND

hotel\_address ILIKE '%Netherlands%'

order by 1 asc

4.

Find out the hotel addresses which are in Austria. Since the data has duplicate addresses, get unique values in the output.

**Expected Output:**Hotel address column in ascending order

select

distinct hotel\_address

from hotel

where

hotel\_address ILIKE '%Austria%'

order by 1 asc

5.

Find out the hotel addresses which are in spain. Since the data has duplicate addresses, get unique values in the output.

**Expected Output:**Hotel address column in ascending order

select

distinct hotel\_address

from hotel

where

hotel\_address ILIKE '%Spain%'

order by 1 asc

6.

How many hotels are there in the UK?

**Expected Output:**Count of hotels in the UK. Remember, there are duplicate hotel addresses

select

count(distinct hotel\_address) as UK\_hotels

from hotel

where

hotel\_address ILIKE '%United Kingdom%'