Exercise -1

drop table if exists customers;

create table customers (

Cust\_ID int not null,

Cust\_Name varchar(255),

Cust\_City varchar(255),

Cust\_RoomNo int,

CheckIn\_Time timestamp,

PRIMARY KEY (Cust\_ID)

);

insert into customers (

Cust\_ID,

Cust\_Name,

Cust\_City,

Cust\_RoomNo,

CheckIn\_Time

)

values

(1,'Tanay Soni', 'Indore',408, '2022-05-22 00:00:00'),

(2,'Umang Jain', 'Chennai', 404, '2022-05-22 00:00:00'),

(3,'Parth', 'Mumbai', 402, '2022-04-22 00:00:00'),

(4,'Raj', 'Ujjain', 401, '2022-02-22 00:00:00'),

(5,'Stephanie', 'USA', 403, '2022-02-22 00:00:00')

;

A screenshot of a computer

Description automatically generated with low confidence

Exercise -2

* **Print Distinct City from Table Customers and Print Count Distinct City from Table Customers.**

*select distinct City, count(\*) as counts*

*from Customers*

*group by City;*

* **Print name of the product which is present at the 5th position till the 15th position from Products table, use LIMIT keyword.**

*select ProductName from Products*

*limit 5,15;*

* **Print the total and an average number of quantities ordered by users, consider the OrderDetails Table.**

*select OrderID, sum(Quantity) as Total, avg(Quantity) as Average*

*from order\_details*

*group by OrderID*

*;*

* **Write a SQL query to get the least number of quantities and the highest number of quantities bought by the user consider the OrderDetails Table.**

*select OrderID, min(Quantity) as Minimum, max(Quantity) as Maximum*

*from order\_details*

*group by OrderID*

*;*

* **Write a SQL query for all the details of the supplier whose name consists of “A” at the second position from the Suppliers table.**

*select SupplierName from suppliers*

*where SupplierName like '\_a%'*

*;*

* **Print the details of the customer who doesn’t stay in the USA and Canada from the Customers table.**

*select \* from customers*

*where Country not in ('USA', 'Canada');*

* **Write a query to fetch details of all employees excluding the employees with first names, “Sanjay” and “Sonia” from the Employees table.**

*select \* from employees*

*where FirstName not in ('Sanjay','Sonia');*

* **Delete customer details whose country is Venezuela and print the rest of the Customer table**

*delete from customers*

*where country = 'Venezuela';*

* **Duplicate a table as similar to the Suppliers table and name it as SupplierDetail.**

*create table SupplierDetail*

*as*

*select \**

*from suppliers*

*;*

* Print the details of all the orders which were placed between the year 2020 to 2021 also print the same in descending order from the OrderDetails table.

*select \* from orders a*

*join order\_details b*

*on a.OrderID = b.OrderID*

*where year(OrderDate) in ('2020','2021')*

*order by year(OrderDate) desc*

*;*