**Retail Mart Management**

**Problem scenario:**

A data analyst of a retail shop, Happy Mart,

wants to store :

* the product details,
* the customer details, and
* the order details

to provide unparalleled insights about customer behavior and product stock details daily.

**Objective:**

The design of the database helps to easily evaluate and identify the performance of the shop to increase the daily sales.

**Task to be performed:**

1. Write a query to create a database named **SQL basics**.
2. Write a query to select the database **SQL basics**.
3. Write a query to create a

* **product table** with fields as product code, product name, price, stock and category,
* **customer table** with the fields as customer id, customer name, customer location, and customer phone number and,
* **sales table** with the fields as date, order number, product code, product name, quantity, and price.

1. Write a query to **insert values** into the tables.
2. Write a query to add two new columns such as **S\_no** and **categories** to the sales table.
3. Write a query to change the column type of **stock** in the product table to **varchar**.
4. Write a query to **change** the table name from **customer**-to-**customer** details.
5. Write a query to **drop** the columns **S\_no** and **categories** from the sales table.
6. Write a query to **display** order id, customer id, order date, price, and quantity from the sales table.
7. Write a query to display all the details in the product table if the **category is stationary**.
8. Write a query to display a **unique category** from the product table.
9. Write a query to display the sales details if **quantity is greater than 2** and **price is lesser than 500** from the sales table.
10. Write a query to display the customer’s name if the **name ends with a**.
11. Write a query to display the product details in **descending order** of the **price**.
12. Write a query to display the product code and category from **similar categories** that are **greater than or equal to 2**.
13. Write a query to display the order number and the customer name to **combine** the results of the order and the customer tables including **duplicate rows**.