SQL ASSIGNMENT

Task 1- creating a table

  create table products(

  product_id int primary key,

  product_name varchar(50),

  category varchar(50),

  price decimal,

  stock_quantity int,

  added_date date

  );

Task 2- inserting values

  insert into products values

  (1, 'powerbank', 'electronics', 1500, 7, '2024-2-28'),

  (2, 'charger', 'electronics', 2300,18, '2023-1-26'),

  (3, 'kurti', 'clothing', 349,2,'2024-2-24'),

  (4, 'laptop', 'electronics', 59999,9,'2022-3-2'),

  (5, 'sofa', 'furniture',12000,7,'2024-4-12');

Task3

1. List all products

  select * from products

2. Display only the product_name and price

  select product_name, price from products

3. Find products with stock_quantity less than 10

  select * from products where stock_quantity<10

4. Find products with price between 500 and 2000

select * from products where price between 500 and 2000

5. Show products added after 2023-01-01

select * from products where added_date> '2023-01-01'

6. List all products whose name start with 'S'

select * from products where product_name like 's%'

7. Show all products that belong to either Electronics or furniture

select * from products where category in ('electronics', 'furniture')

Task 4

1. Update the price of one product

update products

set price= 499

where product_id=3

2. Increase stock of all products in a specific category by 5

update products

set stock_quantity=stock_quantity+5

where category='furniture'

select * from products where product_id=5

3. Delete one product based on its product_id

delete from products

where product_id=4

4. Delete all products with stock_quantity=0

delete from products

where stock_quantity=0