Practice assessment 17-07-2025

Task 1

CREATE TABLE products (

product\_id INT PRIMARY KEY,

product\_name VARCHAR(100),

category VARCHAR(50),

price DECIMAL(10,2),

stock\_quantity INT,

added\_date DATE

);

Task 2

INSERT INTO products VALUES

(1, 'Mouse', 'Electronics', 950.00, 20, '2023-03-10'),

(2, 'Chair', 'Furniture', 7500.00, 5, '2024-08-15'),

(3, 'Shoes', 'Footwear', 1800.00, 12, '2023-11-21'),

(4, 'Cooker', 'Kitchenware', 2200.00, 8, '2024-02-07'),

(5, 'Pants', 'Fashion', 1200.00, 0, '2023-05-01');

Task 3

1. SELECT \* FROM products;
2. SELECT product\_name, price FROM products;
3. SELECT \* FROM products WHERE stock\_quantity < 10;
4. SELECT \* FROM products WHERE price BETWEEN 500 AND 2000;
5. SELECT \* FROM products WHERE added\_date > '2023-01-01';
6. SELECT \* FROM products WHERE product\_name LIKE 'S%';
7. SELECT \* FROM products WHERE category IN ('Electronics', 'Furniture');

Task 4

1. UPDATE products SET price = 990 WHERE product\_id = 1;
2. UPDATE products SET stock\_quantity = stock\_quantity + 5 WHERE category = 'Furniture';
3. DELETE FROM products WHERE product\_id = 5;
4. DELETE FROM products WHERE stock\_quantity = 0;