

SQL Queries on Product Table

```
/* =====
```

```
PRODUCT TABLE STRUCTURE
```

```
===== */
```

```
CREATE TABLE product (
```

```
    pro_id INT PRIMARY KEY,
```

```
    pro_name VARCHAR(100) NOT NULL,
```

```
    pro_price DECIMAL(10,2) NOT NULL,
```

```
    pro_code VARCHAR(20) NOT NULL
```

```
);
```

```
/* =====
```

```
SAMPLE DATA (Optional)
```

```
===== */
```

```
INSERT INTO product (pro_id, pro_name, pro_price, pro_code) VALUES
```

```
(1, 'Keyboard', 300.00, 'LOGI'),
```

```
(2, 'Mouse', 200.00, 'LOGI'),
```

```
(3, 'Monitor', 7000.00, 'DELL'),
```

```
(4, 'Motherboard', 4500.00, 'INTL'),
```

```
(5, 'Speaker', 1200.00, 'SONY'),
```

```
(6, 'Webcam', 250.00, 'LOGI');
```

```
/* =====
```

```
1. PRODUCTS WITH PRICE >= 250
```

```
Ordered by price DESC, name ASC
```

```
===== */
```

```
SELECT pro_name, pro_price
FROM product
WHERE pro_price >= 250
ORDER BY pro_price DESC, pro_name ASC;
```

```
/* =====
```

2. CHEAPEST PRODUCT

```
===== */
```

```
SELECT pro_name, pro_price
FROM product
WHERE pro_price = (
    SELECT MIN(pro_price)
    FROM product
);
```

```
/* =====
```

3. AVERAGE PRICE PER COMPANY

```
===== */
```

```
SELECT
    pro_code,
    AVG(pro_price) AS average_price
FROM product
GROUP BY pro_code;
```

```
/* =====
```

4. AVERAGE PRICE OF ALL PRODUCTS

===== */

```
SELECT AVG(pro_price) AS average_total_price
FROM product;
```