

```
CREATE TABLE categories (  
    category_id INT PRIMARY KEY,  
    category_name VARCHAR(50)  
);
```

```
CREATE TABLE products (  
    product_id INT PRIMARY KEY,  
    product_name VARCHAR(50),  
    category_id INT,  
    price DECIMAL(10, 2),  
    FOREIGN KEY (category_id) REFERENCES categories(category_id)  
);
```

```
CREATE TABLE orders (  
    order_id INT PRIMARY KEY,  
    order_date DATE,  
    customer_id INT  
);
```

```
CREATE TABLE order_details (  
    order_detail_id INT PRIMARY KEY,  
    order_id INT,  
    product_id INT,  
    quantity INT,  
    FOREIGN KEY (order_id) REFERENCES orders(order_id),  
    FOREIGN KEY (product_id) REFERENCES products(product_id)  
);
```

```
SELECT c.category_name, SUM(od.quantity * p.price) AS total_revenue  
FROM order_details od  
JOIN products p ON od.product_id = p.product_id  
JOIN categories c ON p.category_id = c.category_id  
GROUP BY c.category_name  
ORDER BY total_revenue DESC;
```