Bundlers

Zadid Bin Azad October 11, 2024

Design Patterns Lab-05

Problem Statement

You are building an e-commerce platform where different kinds of products can be sold. Products can either be simple products (e.g., a laptop, a phone) or bundles (e.g., a holiday gift basket, which contains several simple products). A bundle can also contain other bundles.

Descriptions:

- Product: These are individual products with a price, name, and description.
- Bundle: A bundle is a group of products or other bundles sold together at a discounted or fixed price.

Both simple products and bundles should be treated the same way when it comes to displaying their details and calculating the total price.

Task

You can create all the products and bundles you want. But at the end you should display all the product information and calculate total price.

You can call the function to display product information and calculate price only ONCE.