

Visitor Pattern Demo: Problem Statement

- You're tasked with designing a recycling management system that can accept different types of items. Each type of item will have a different weight and material that affects the profit someone can make by recycling it. However, this system should still be able to track the total profit for all items someone recycles.

Why use the visitor pattern?

- With the visitor pattern, we can declare each type of item (Cardboard, Plastic, Glass) as an item element class and set it as the current item that accepts a ItemRecycleVisitor class.
- The ItemRecycleVisitor class can then visit each package and calculate the total profit depending on the type of item.

