

# OBJECT ORIENTED DESIGN PATTERNS 2

## EX-02

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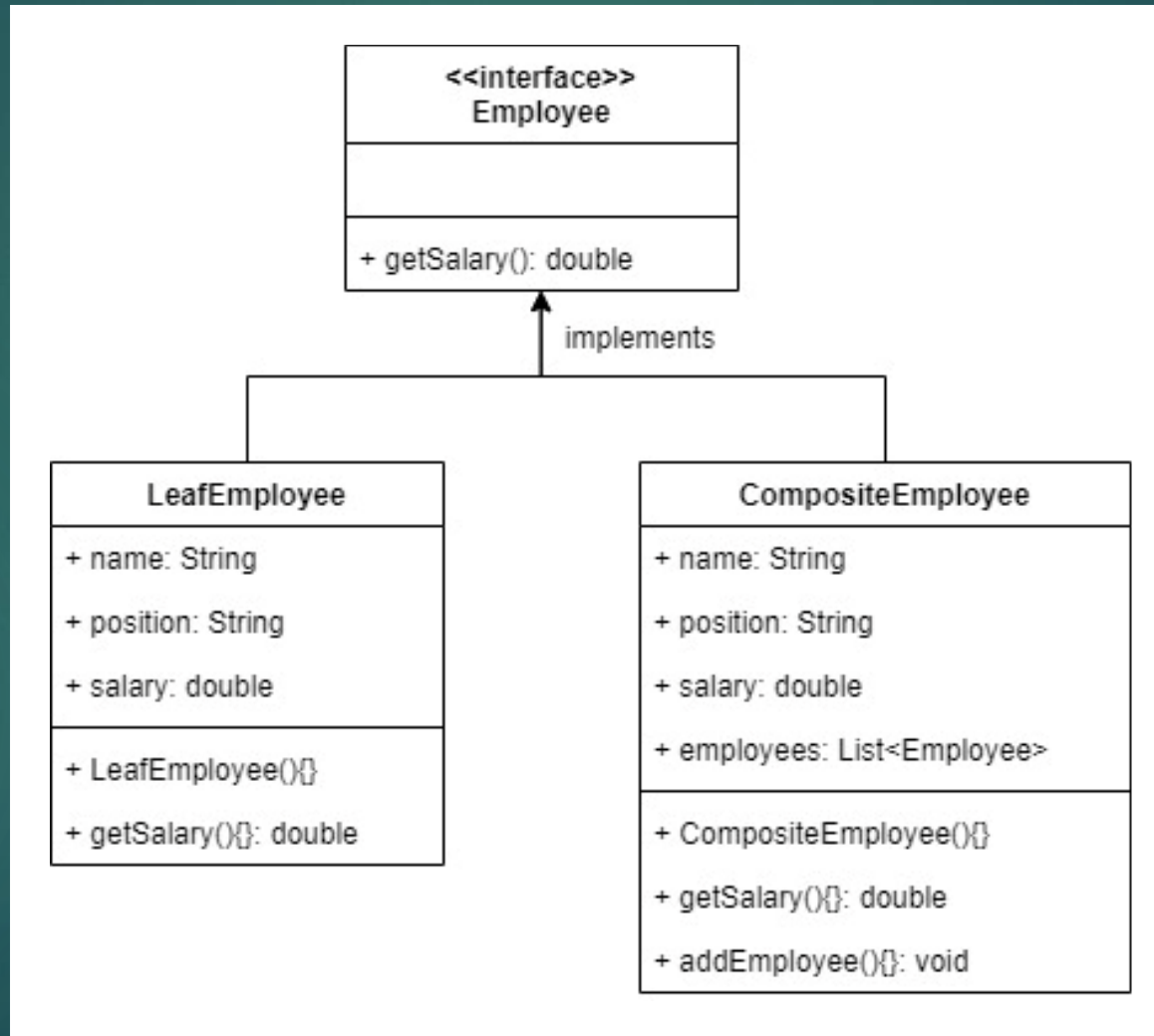
# Composite Design Pattern

- ▶ Composite is a structural design pattern that allows composing objects into a tree-like structure and work with it as if it was a singular object.
- ▶ Composite becomes a pretty popular solution for the most problems that require building a tree structure.

# Scenario

- ▶ Allion Software Solutions PVT LTD is a software development company with three employee categories. Each employee has a name and basic salary.
- ▶ So here, I had to write a program to calculate the salary paid to all employees when requesting the manager's salary and to calculate the total salary paid to the project manager and his team.

# UML Diagram





Let's go to see the Demo