summarize missing points:

7. Employee class into

HashMap<Employee, Profile> as key -> case 1

or just in HashSet<Employee> -> O(1) -> case 2

Set vs Map

Key-value map

single vluae + deduplicate -> set

10. OOP Four Pillars ->

Inheritance -> interface + abstract class + final(limit Inheritance),(hide data)

11. SOLID Principle

L -> Liskov Substitution principle

- Subclasses should be replaceable for their base classes without affecting program correctness.

D -> Dependency Inversion

- High-level modules should not depend on low-level modules; both should depend on abstractions. (Dependency injection is just one way to implement this principle.)