Day 25 - 104608492 - Shirisha Perapagu

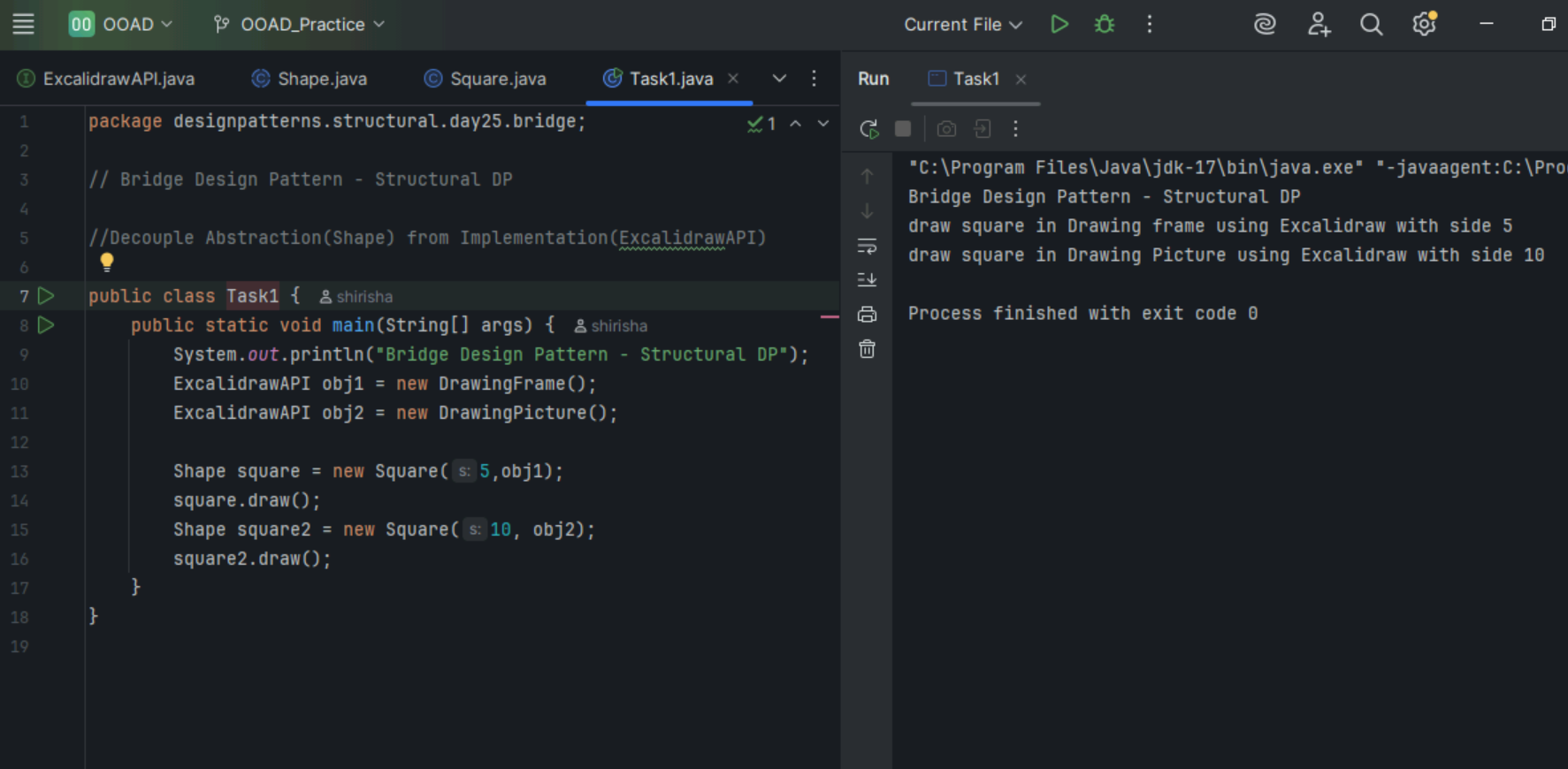
Design Patterns

* Structural Design Patterns (ABCDF2P)
  1. Adapter
  2. Bride
  3. Composite
  4. Decorator
  5. Façade
  6. Flyweight
  7. Proxy

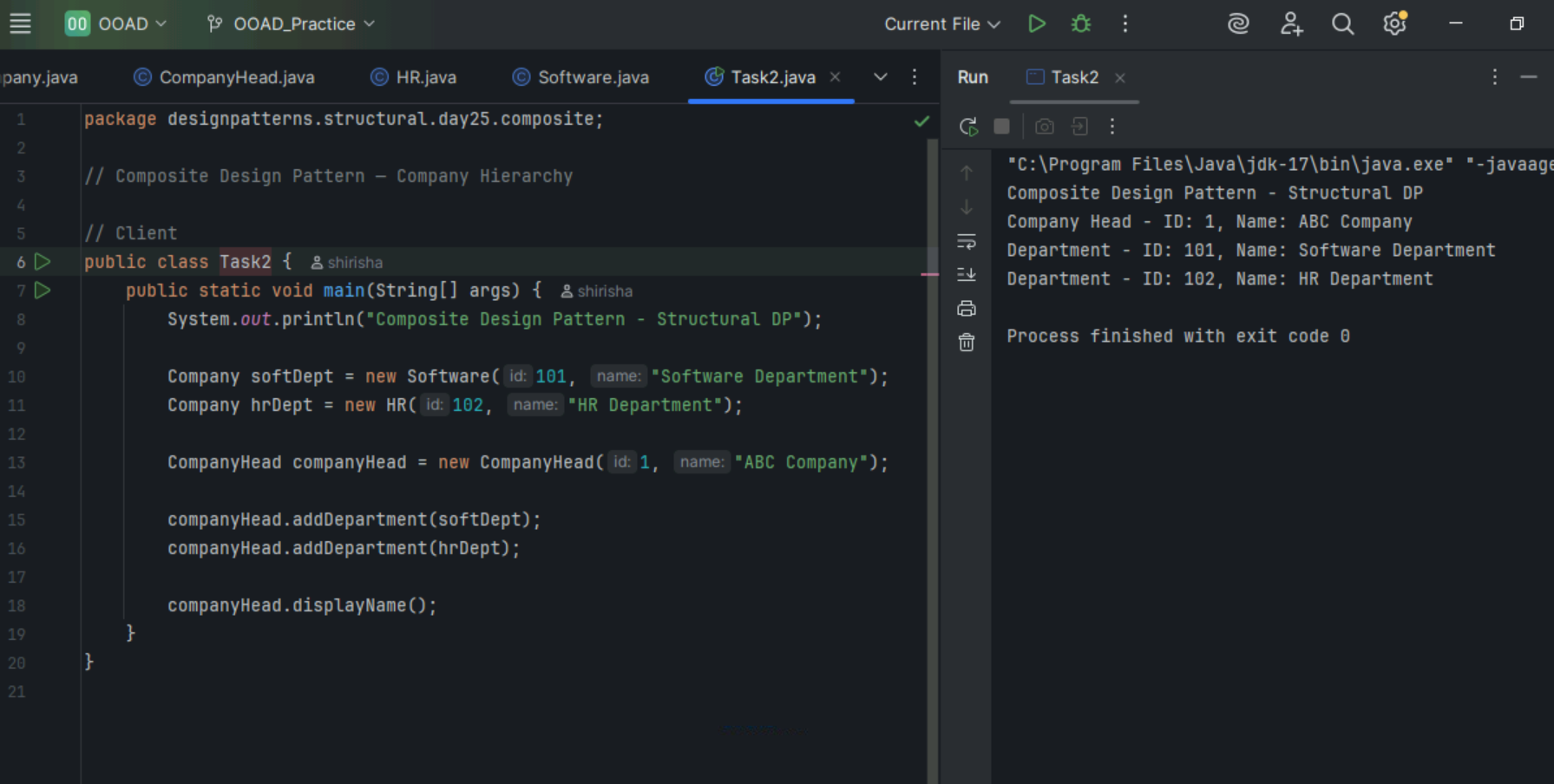
Task 1

Bridge Design Pattern – Structural DP

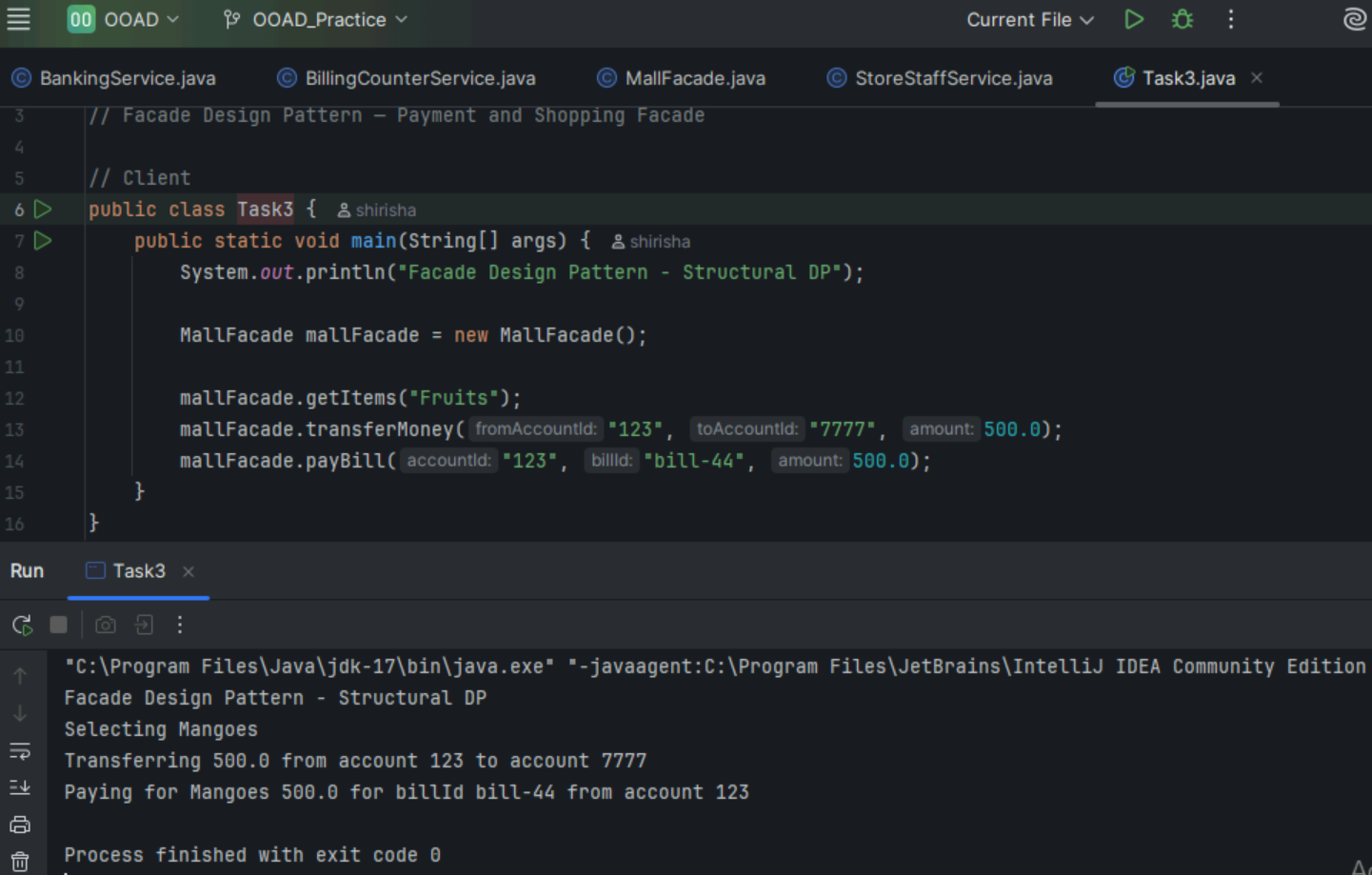
Decoupling Abstraction (Shape) from Implementation (ExcalidrawAPI)



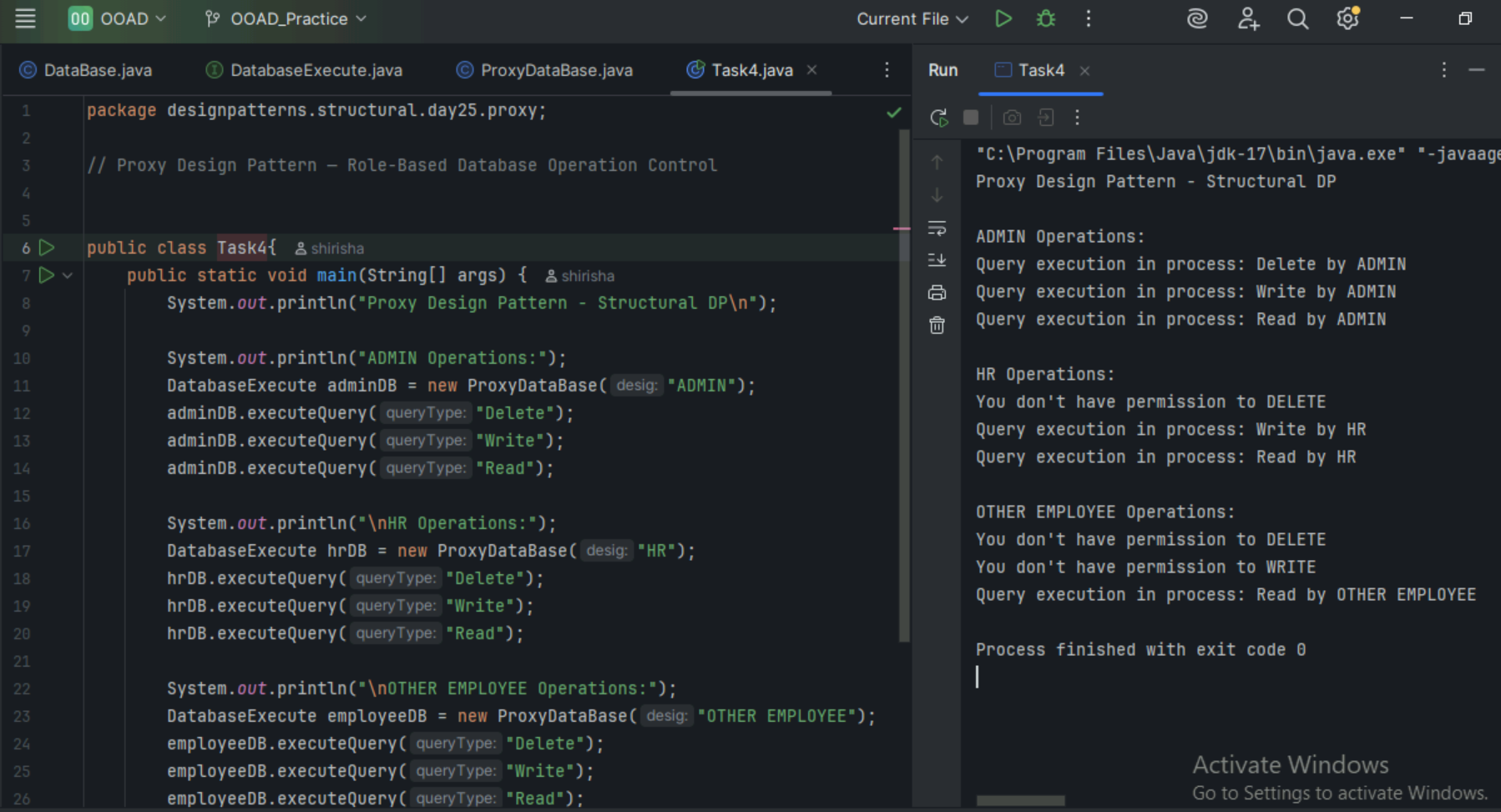
Task 2 : Composite Design Pattern - Structural DP - Company Hierarchy Example



Task 3 - Façade Design Pattern – Structural DP - Payment and Shopping Façade Example

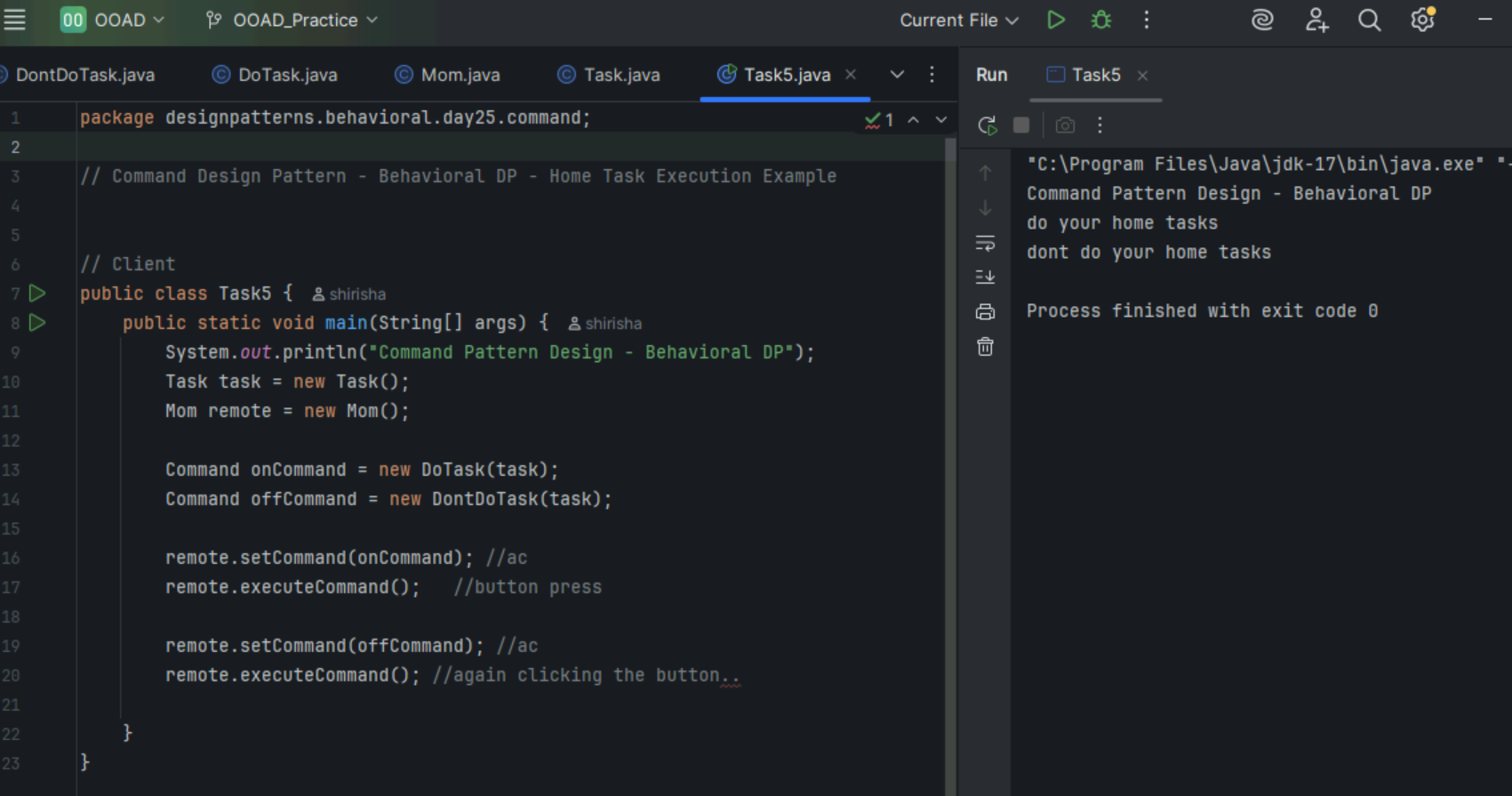


Task 4 – Proxy Design Pattern – Structural DP - Role-Based Database Operation Control



Behavioral Design Patterns

Task 5 – Command Design Pattern – Behavioral DP - Home Task Execution Example

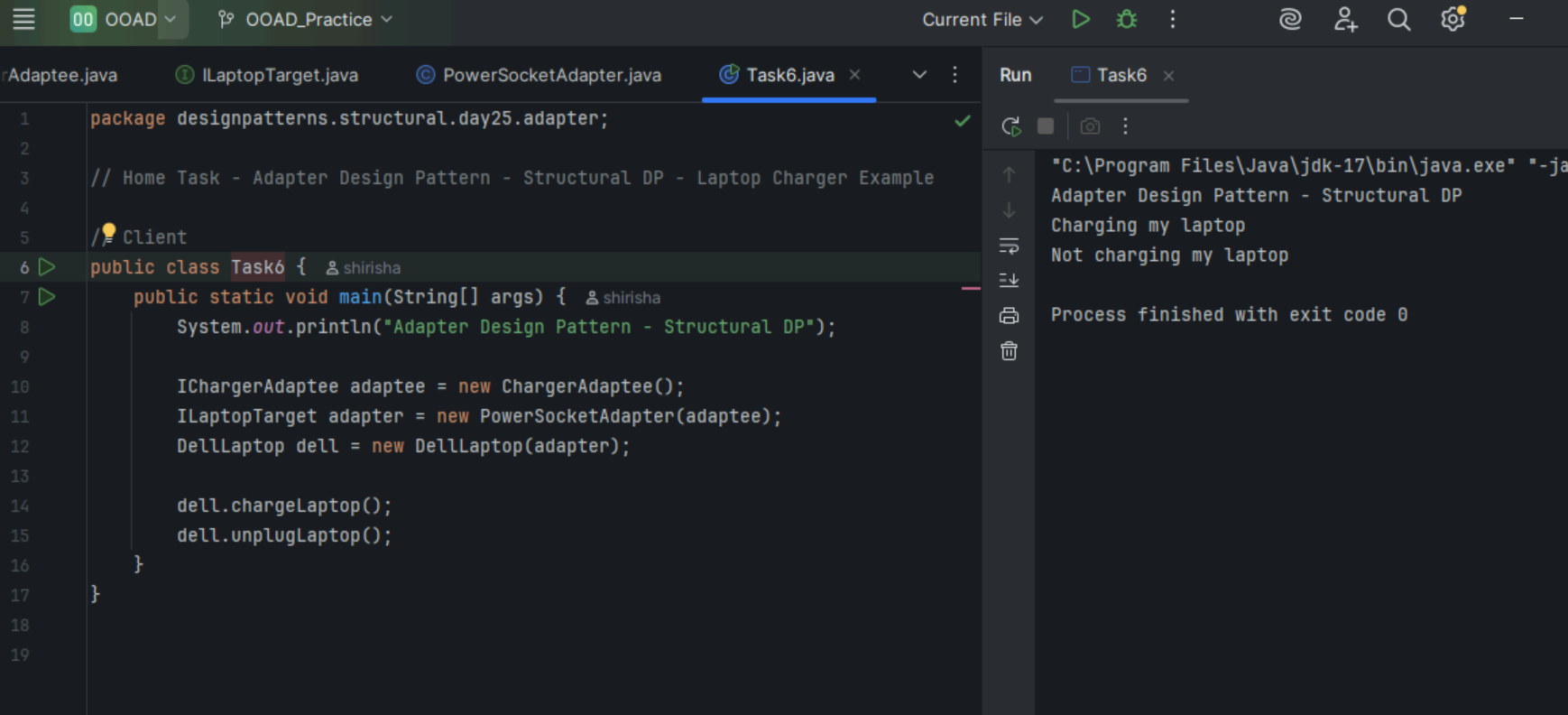


=========================================================================Home Tasks

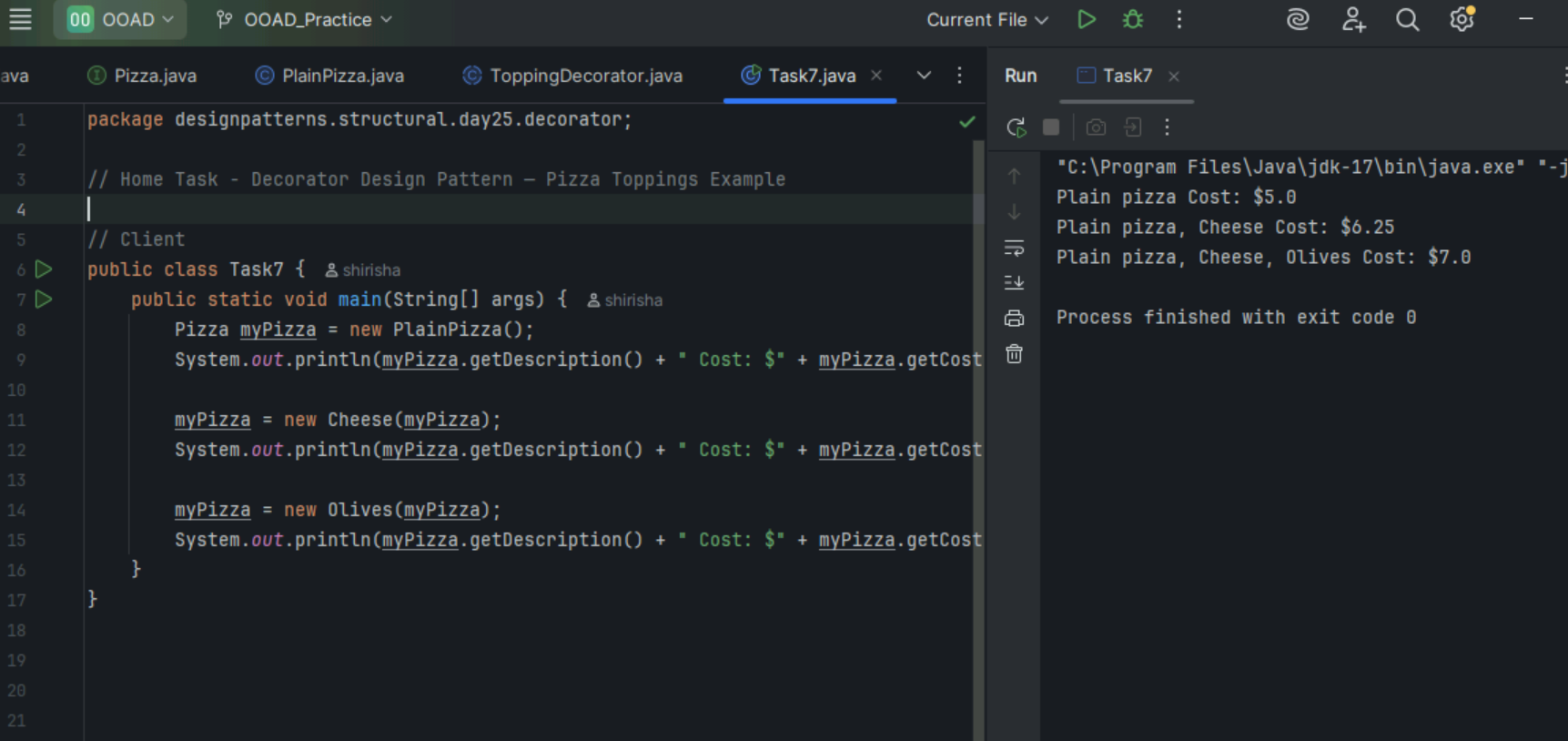
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Task 6

Adapter DP – Structural DP - Laptop Charger Example



Task 7 – Decorator DP – Structural DP – Pizza Toppings Example



Task 8 – Flyweight DP – Structural DP – Reusing Circle objects based on color

