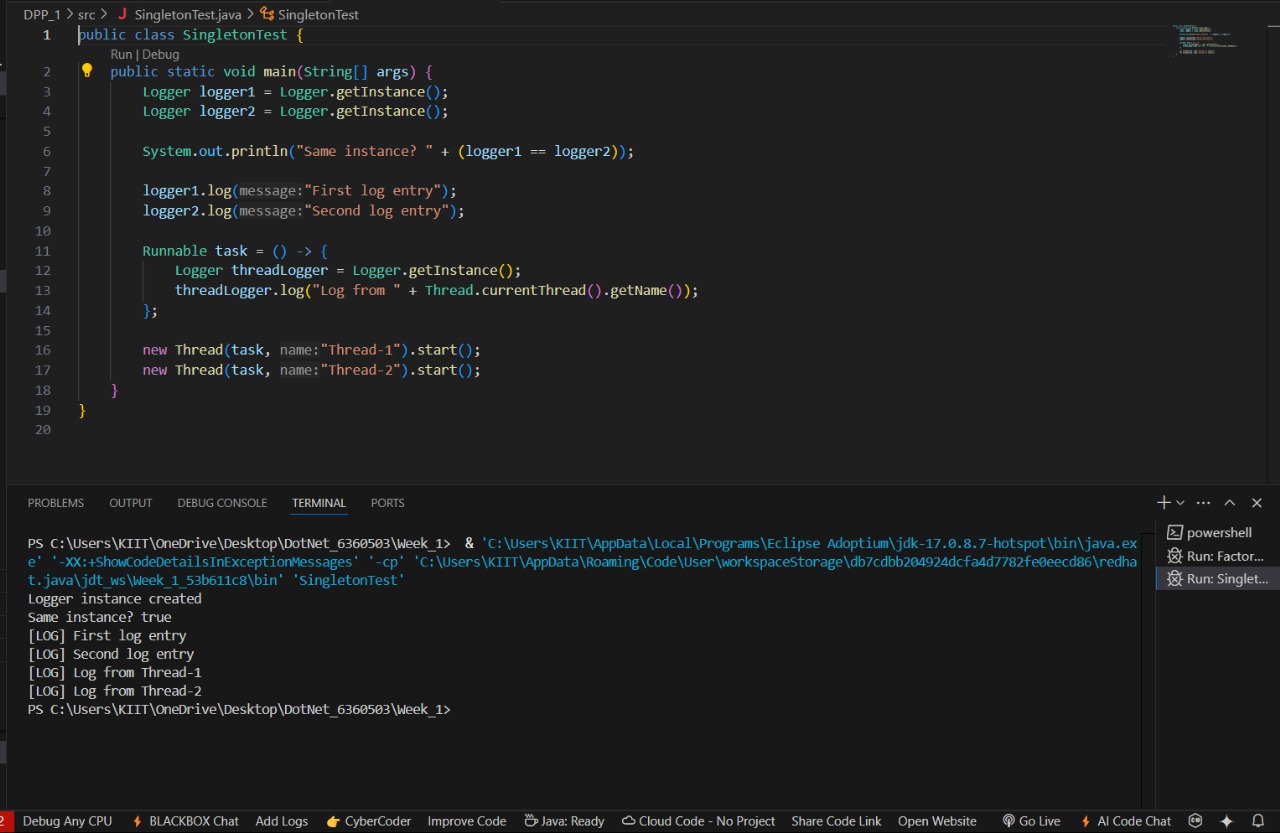
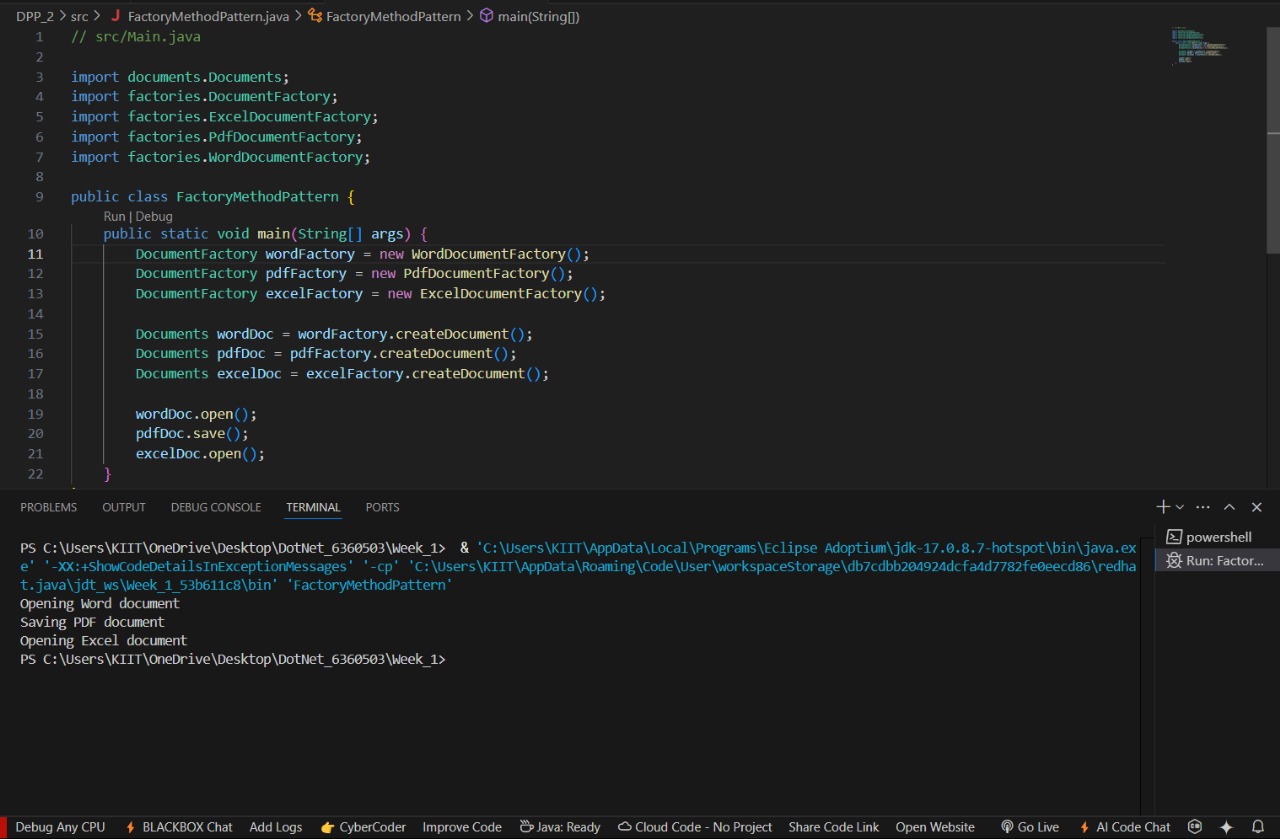
Rahul Srivastava\_6360503

# Design Patterns and Principles

## Exercise 1: Implementing the Singleton Pattern



## Exercise 2: Implementing the Factory Method Pattern

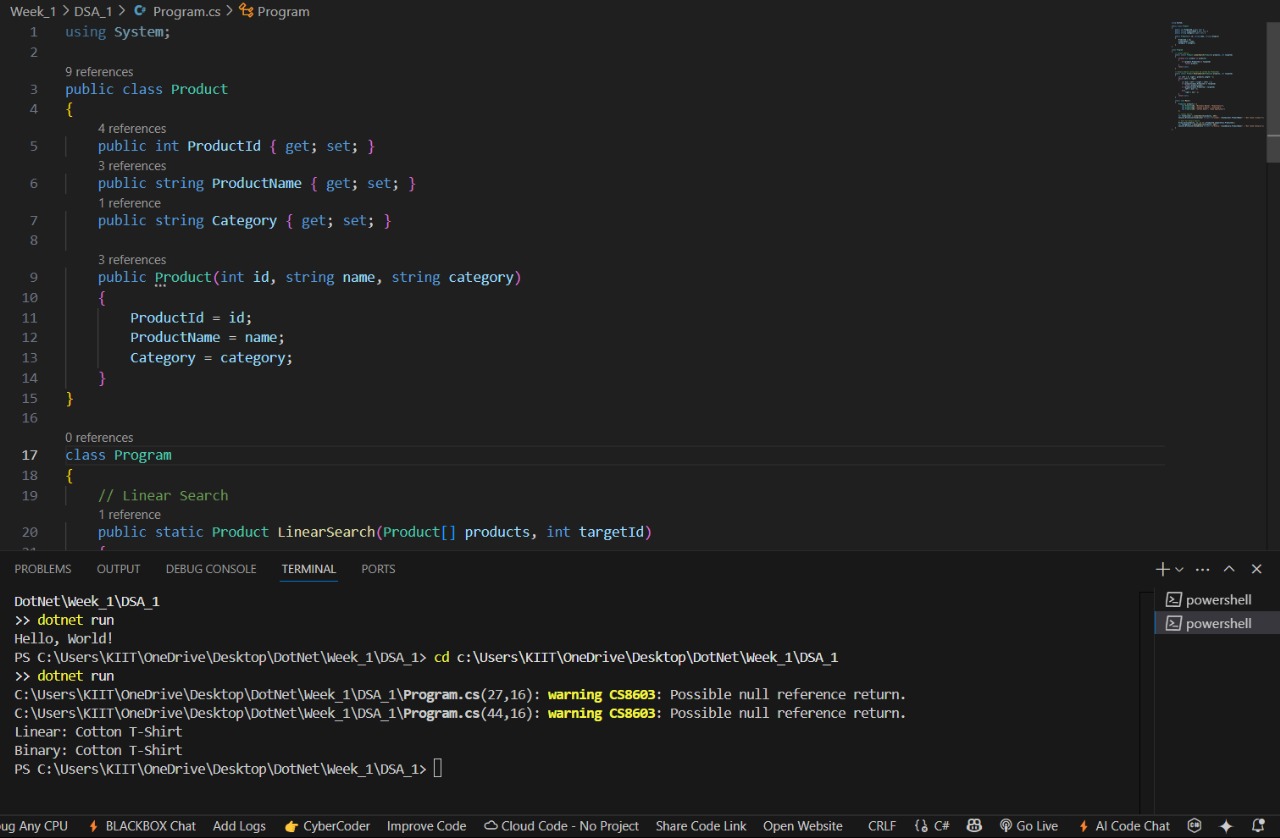


# Data structures and Algorithms

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## Exercise 2: E-commerce Platform Search Function



## Exercise 7: Financial Forecasting

