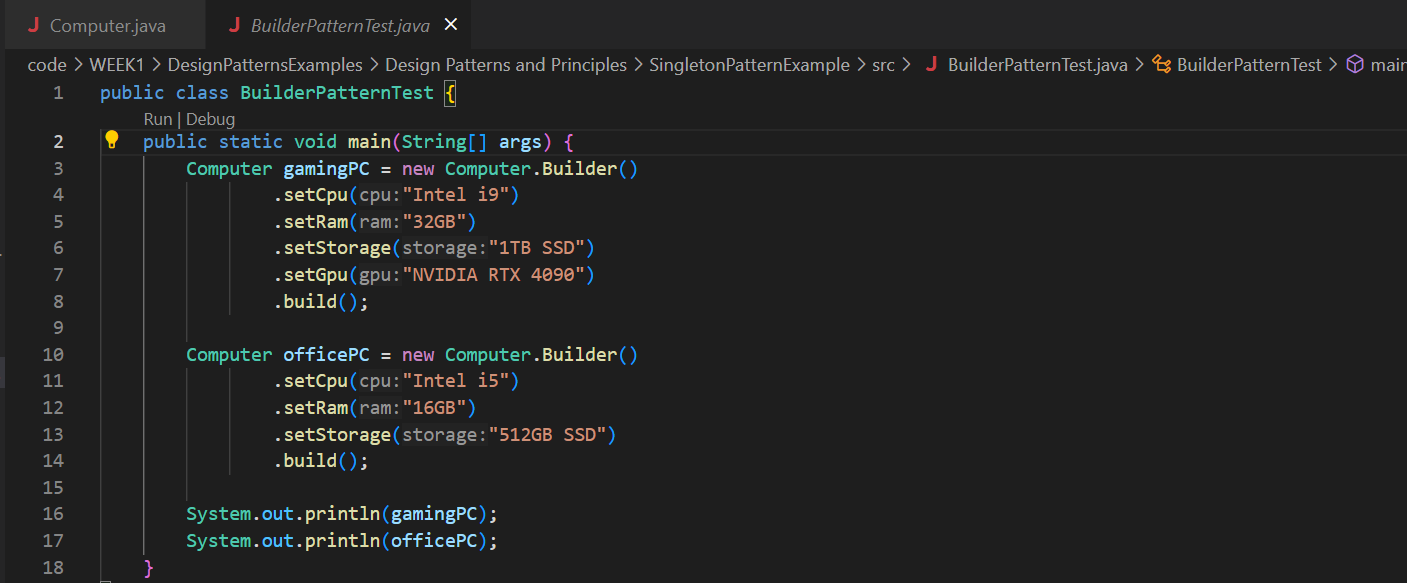
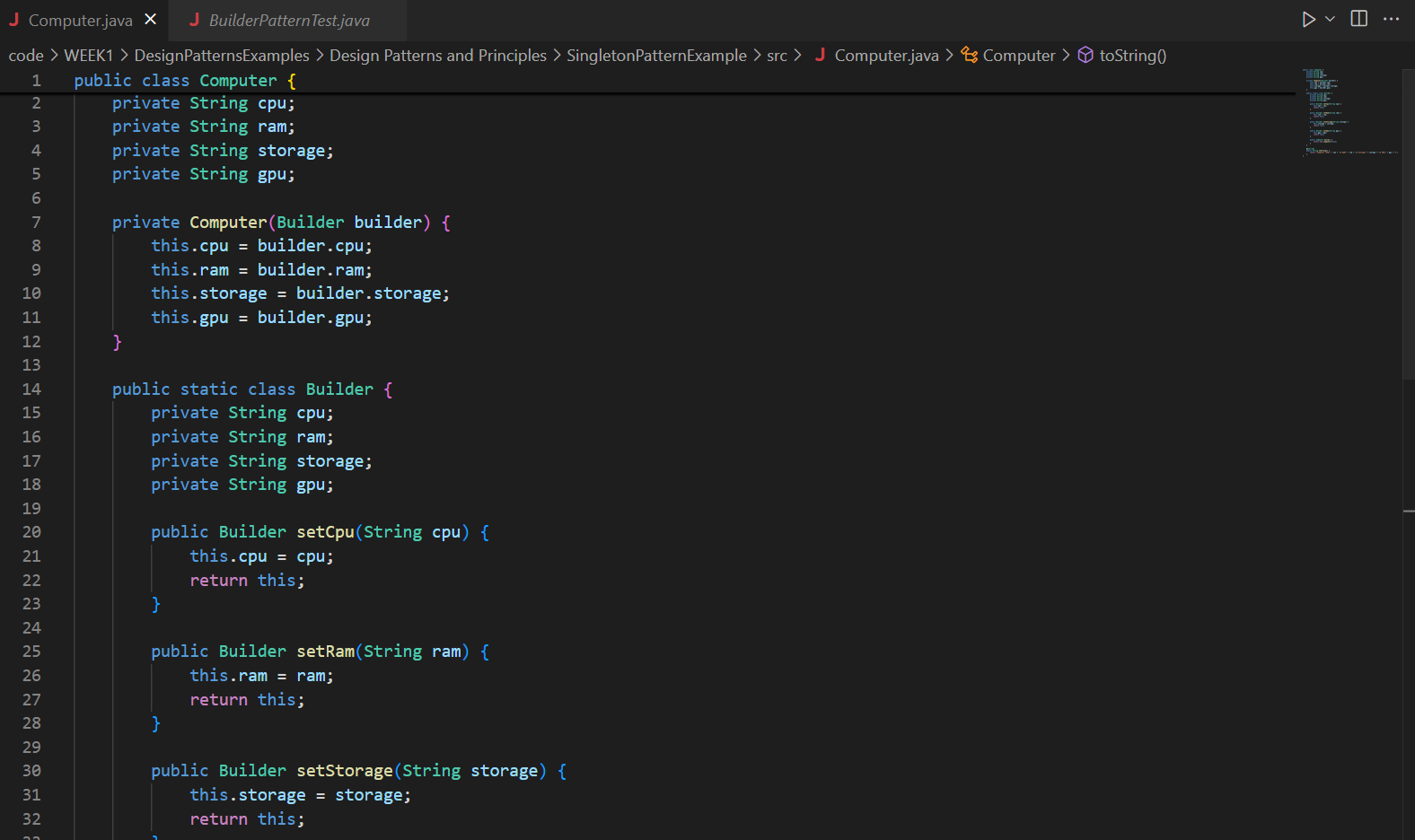
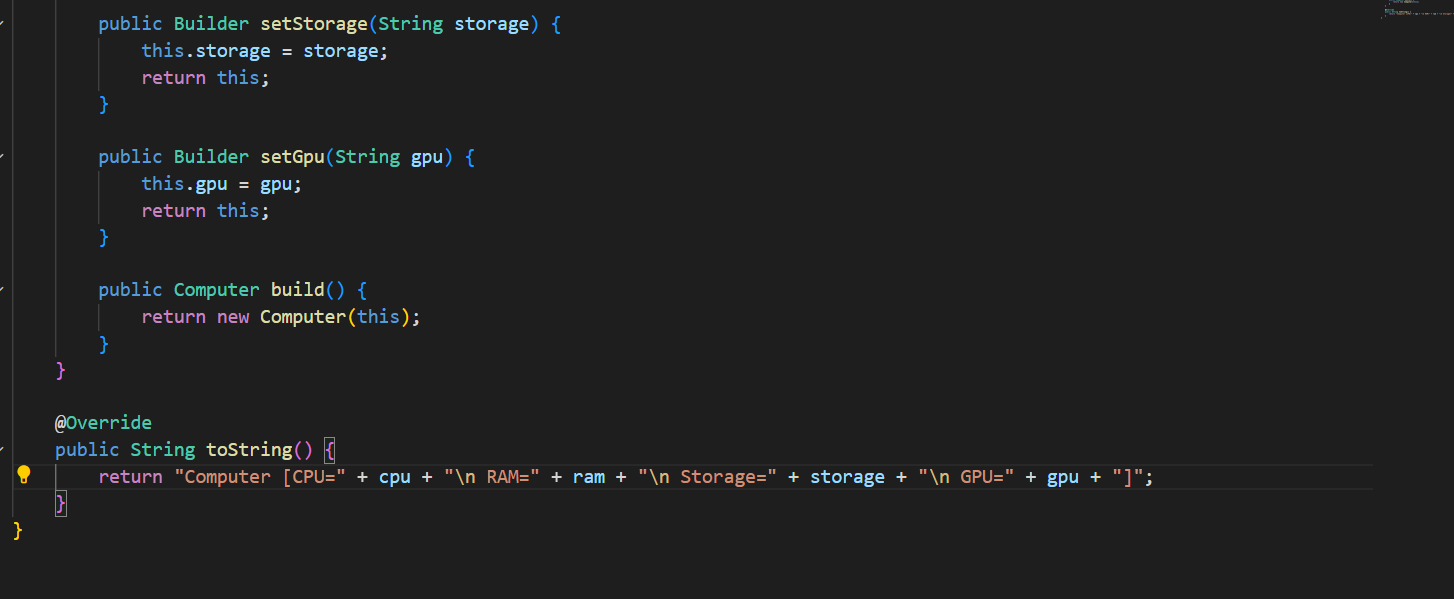
**Extra Exercises**

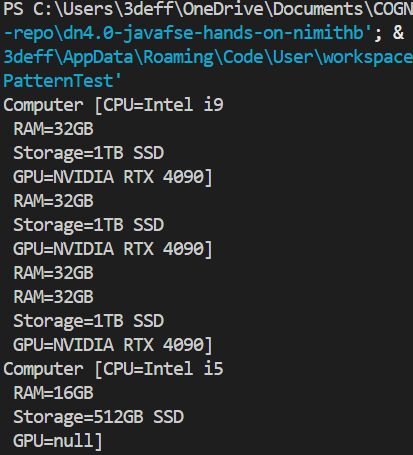
**Exercise 3: Implementing the Builder Pattern**



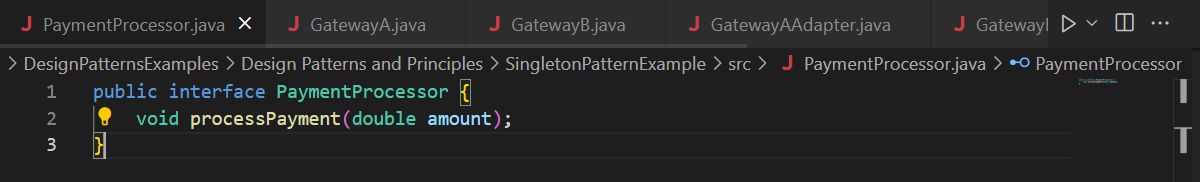
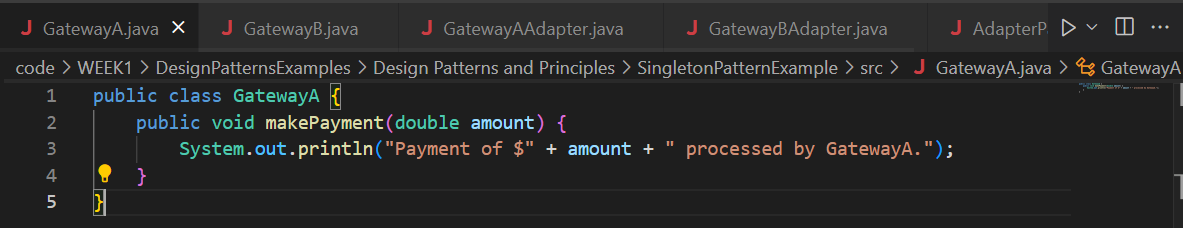
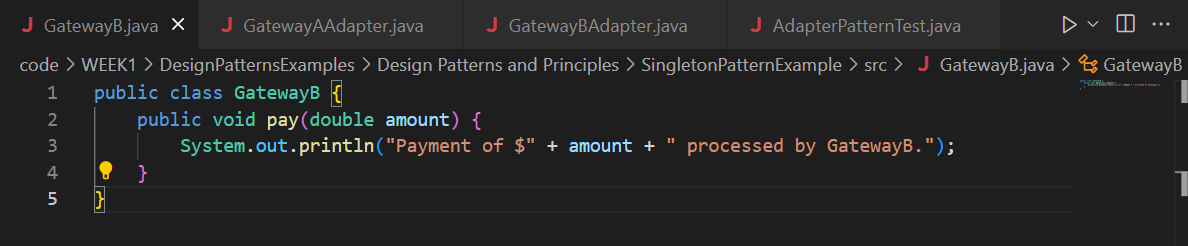
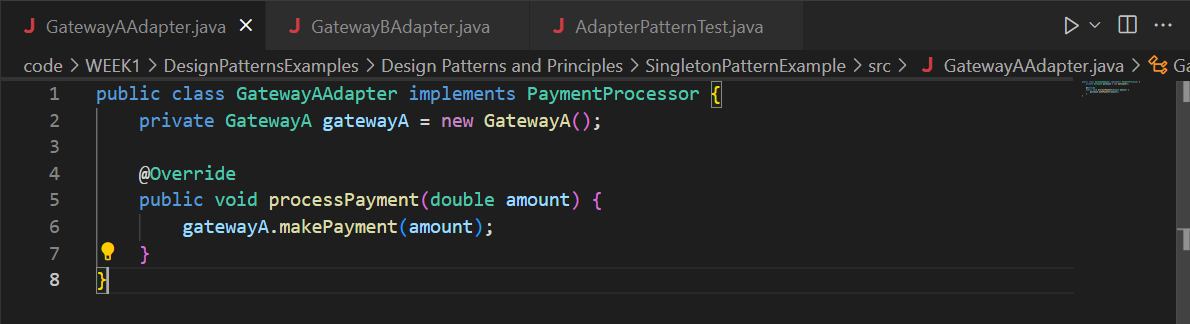
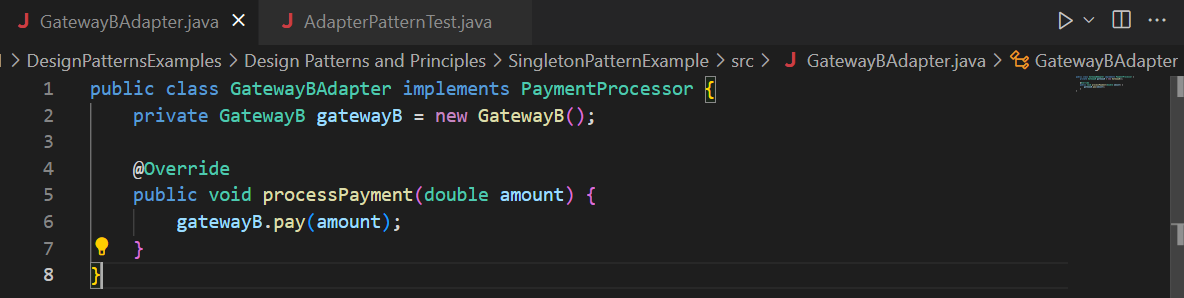
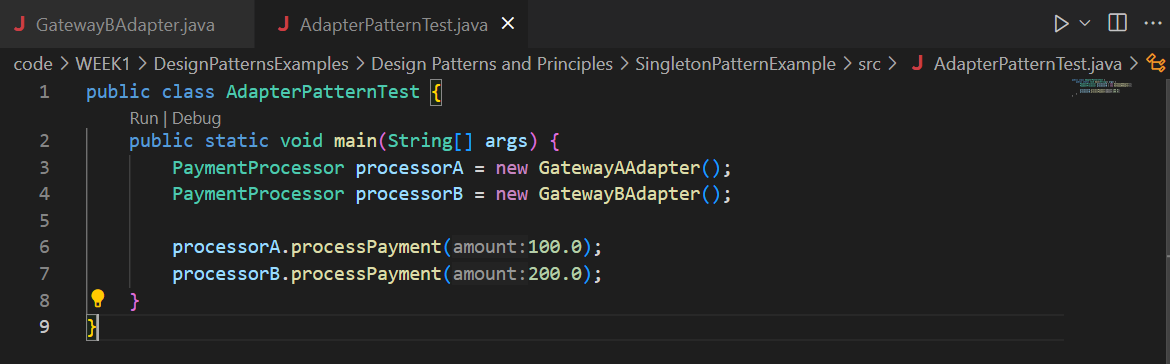




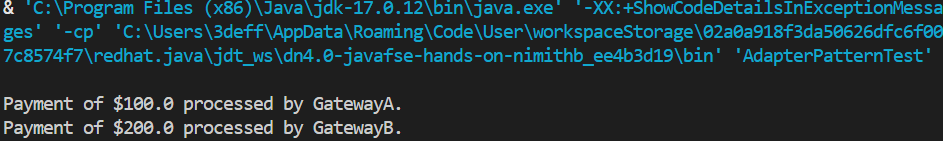
**RESULT:**

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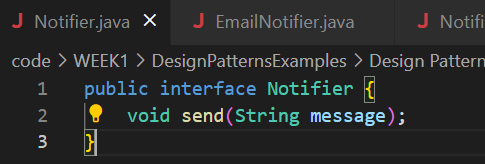
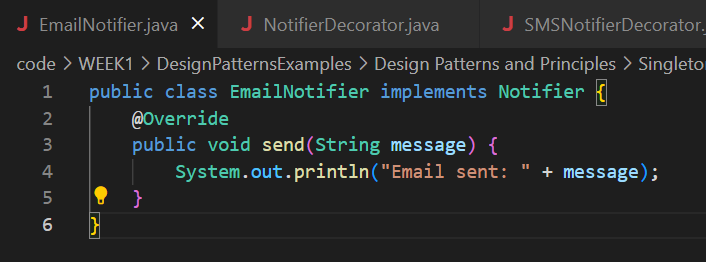
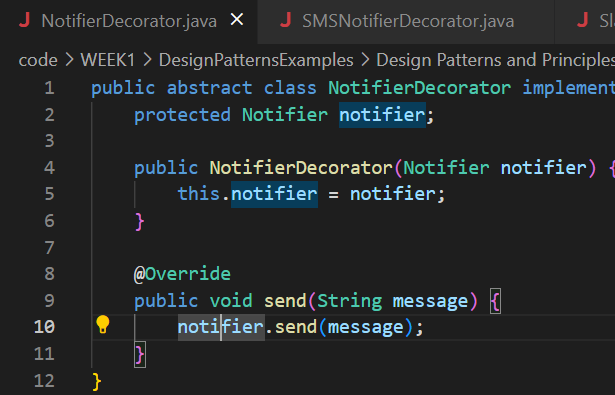
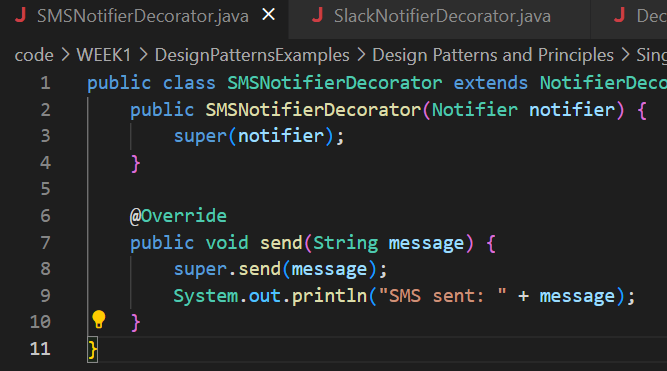
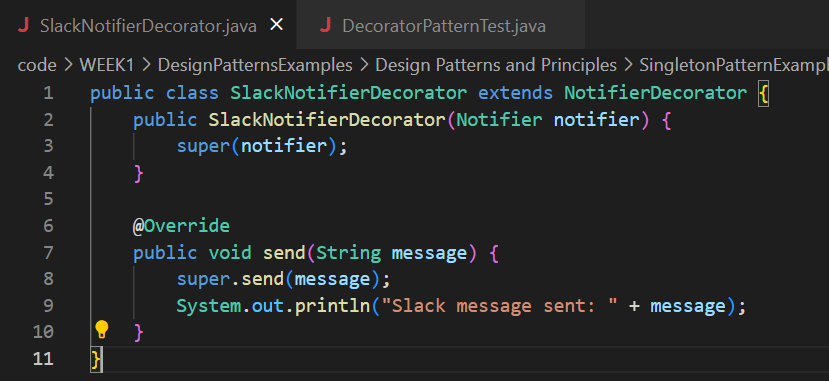
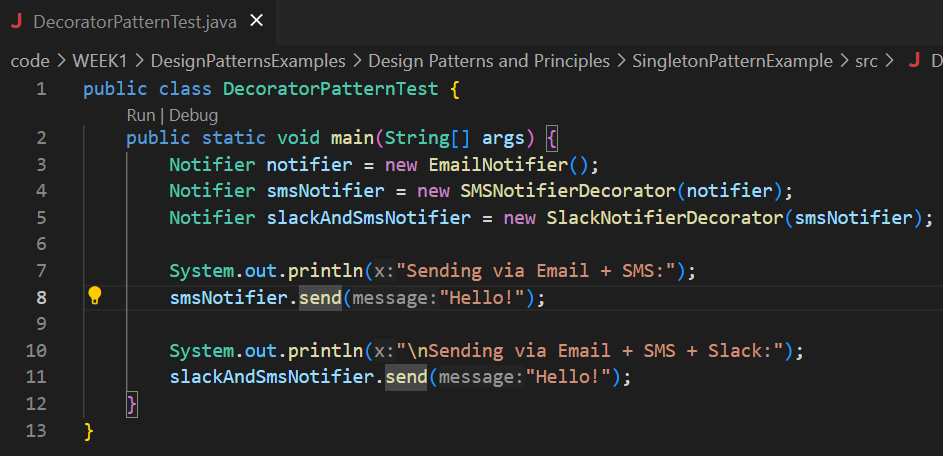
**Exercise 4: Implementing the Adapter Pattern**

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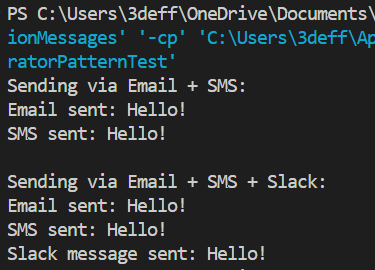
**RESULT:**

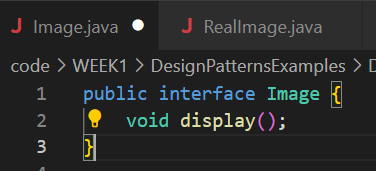
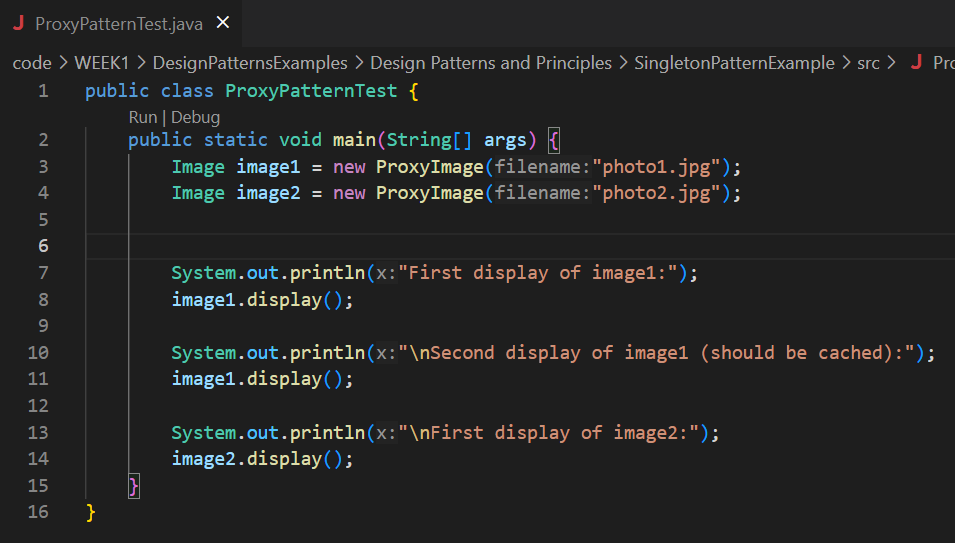


**Exercise 5: Implementing the Decorator Pattern**

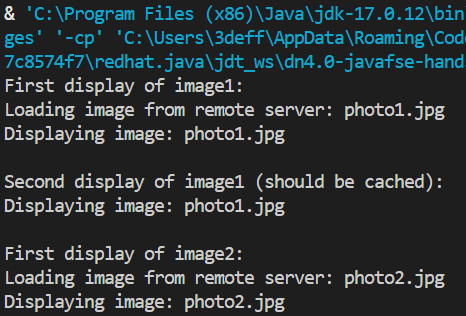
**** ****    

**RESULT:**

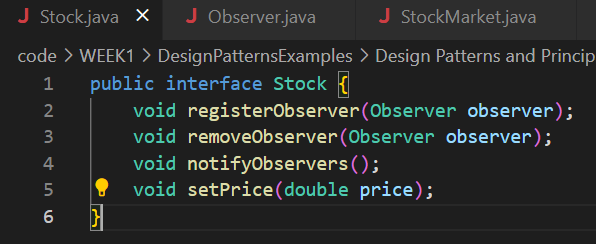
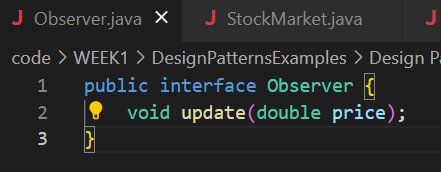
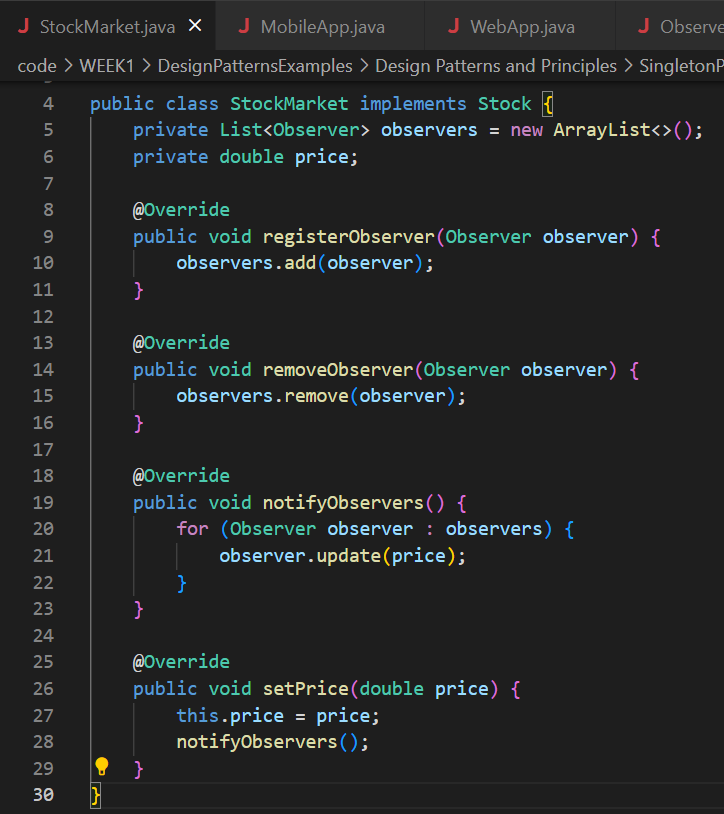
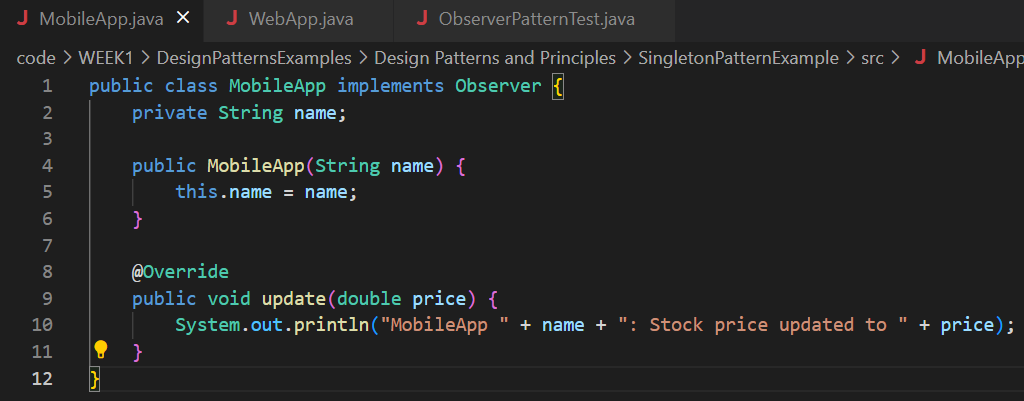
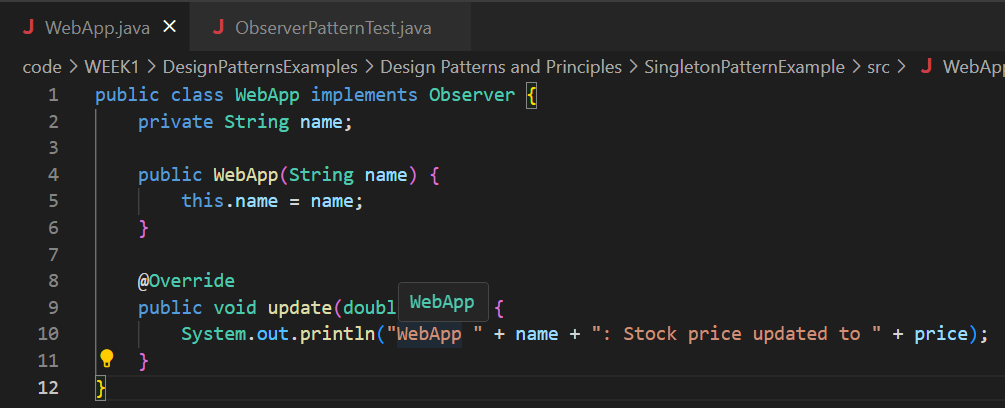
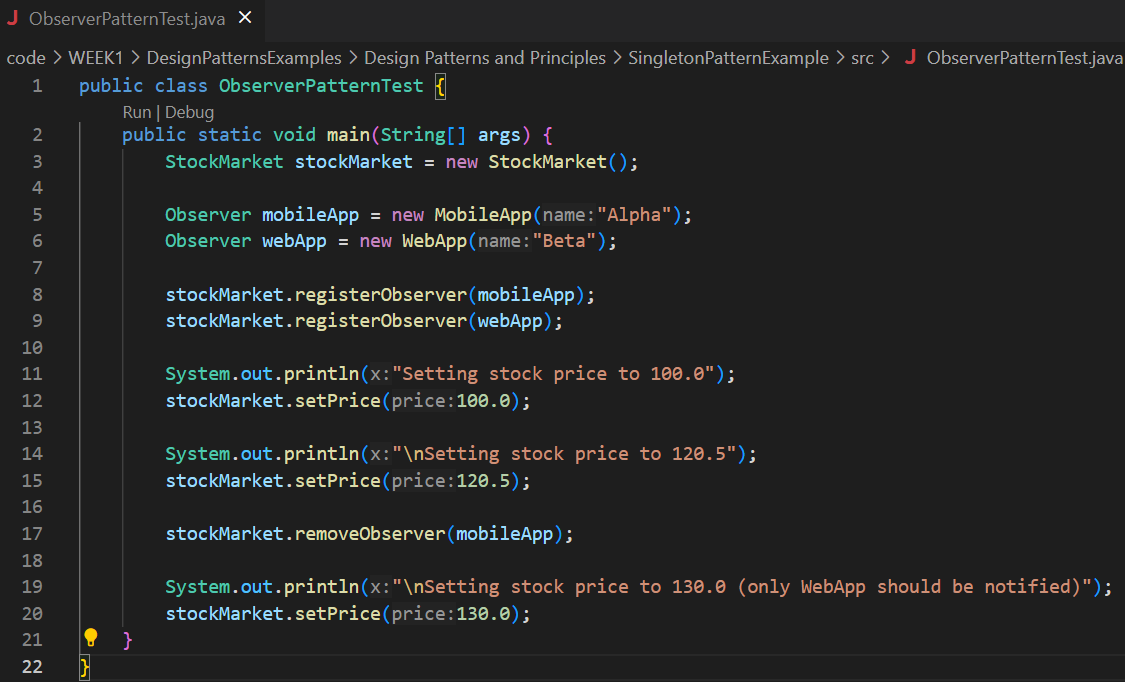
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**Exercise 6: Implementing the Proxy Pattern**  **** 

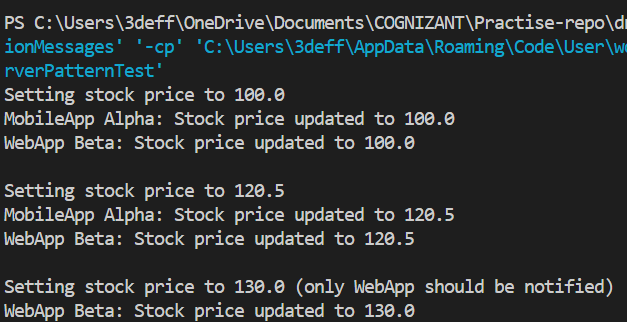
**Result :**

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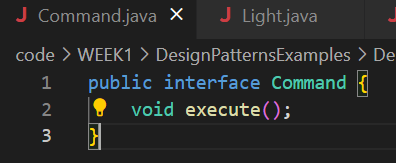
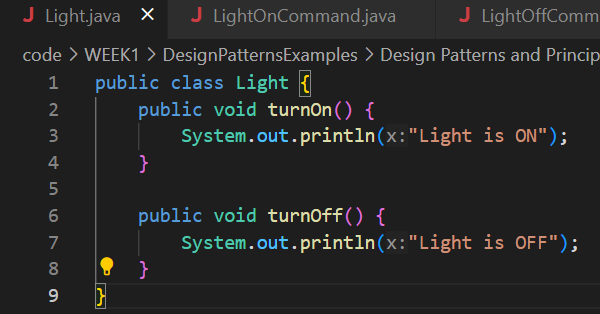
**Exercise 8: Implementing the Strategy Pattern**

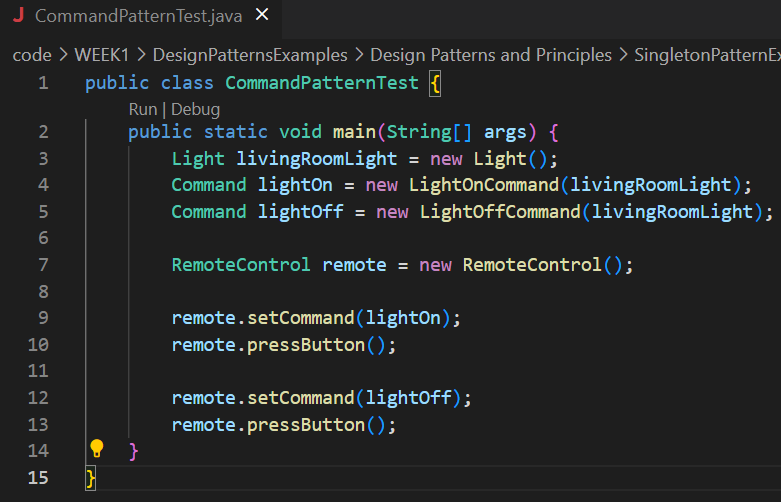
**** ****    

**Result:**

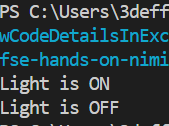
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**Exercise 9: Implementing the Command Pattern**

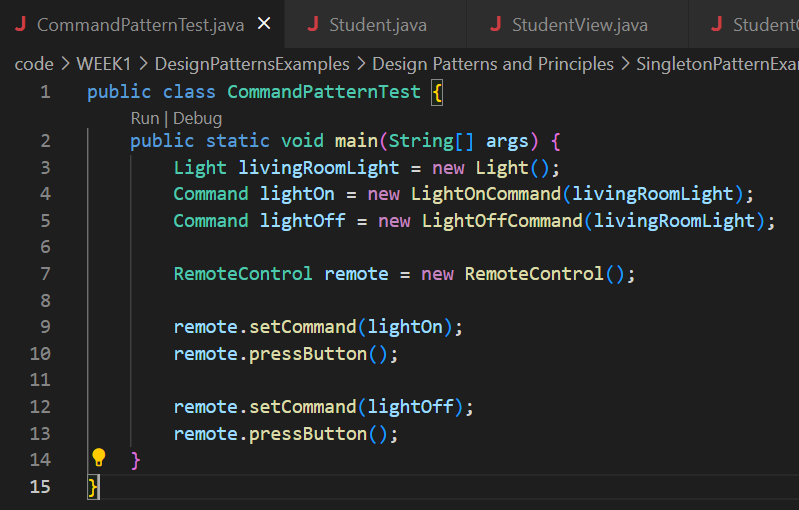
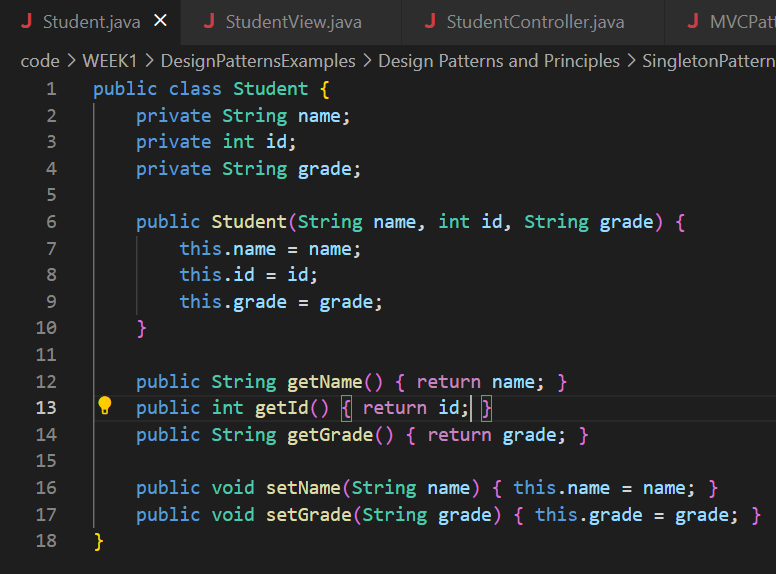
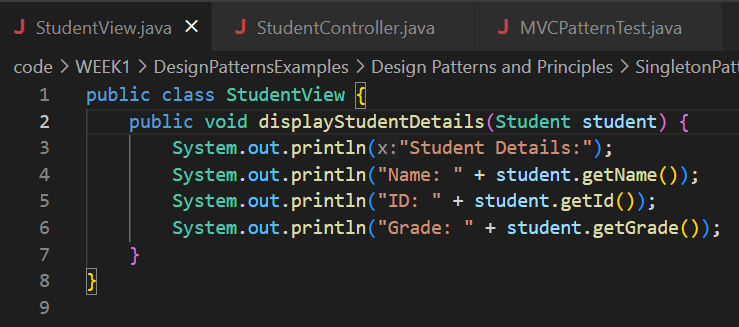
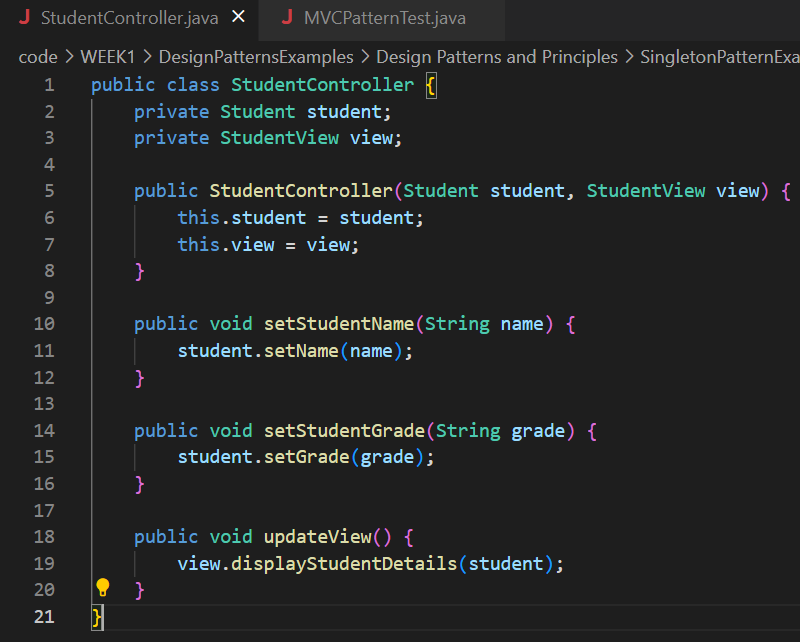
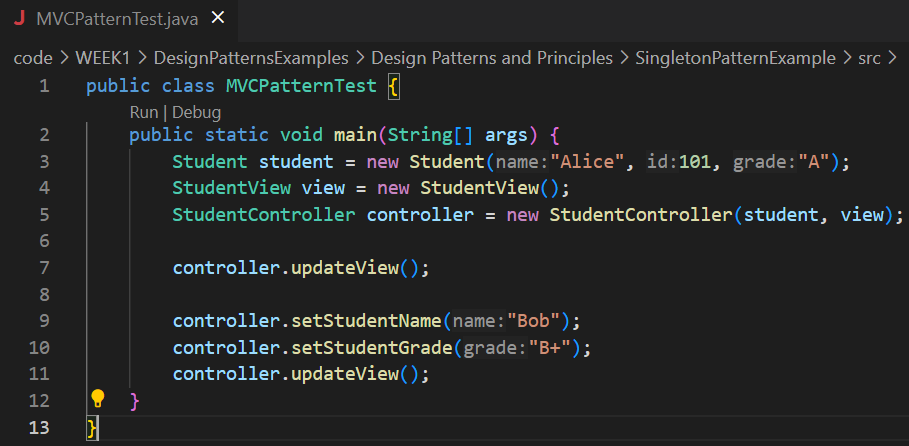
** ** ****

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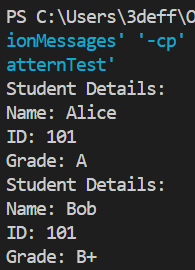
**RESULT:**

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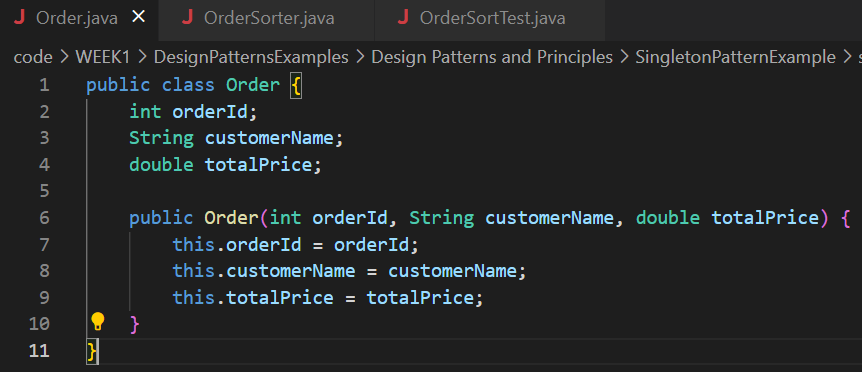
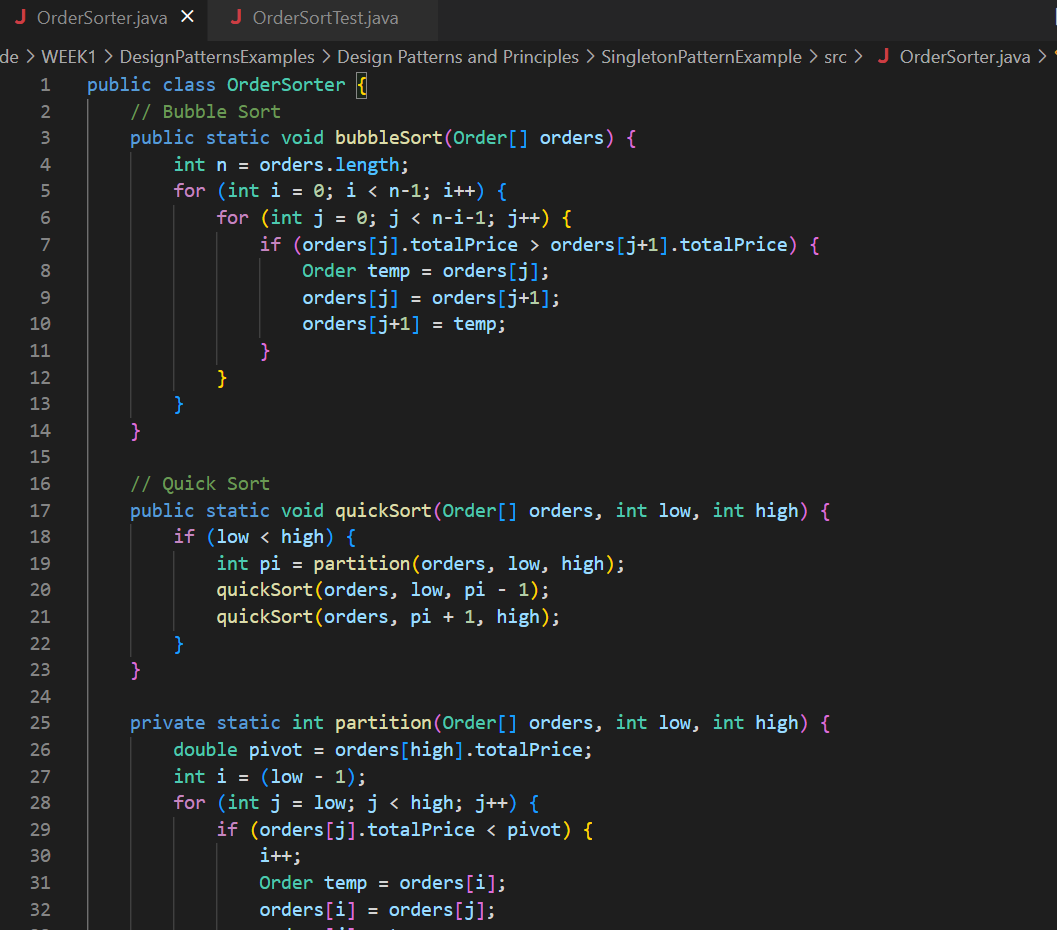
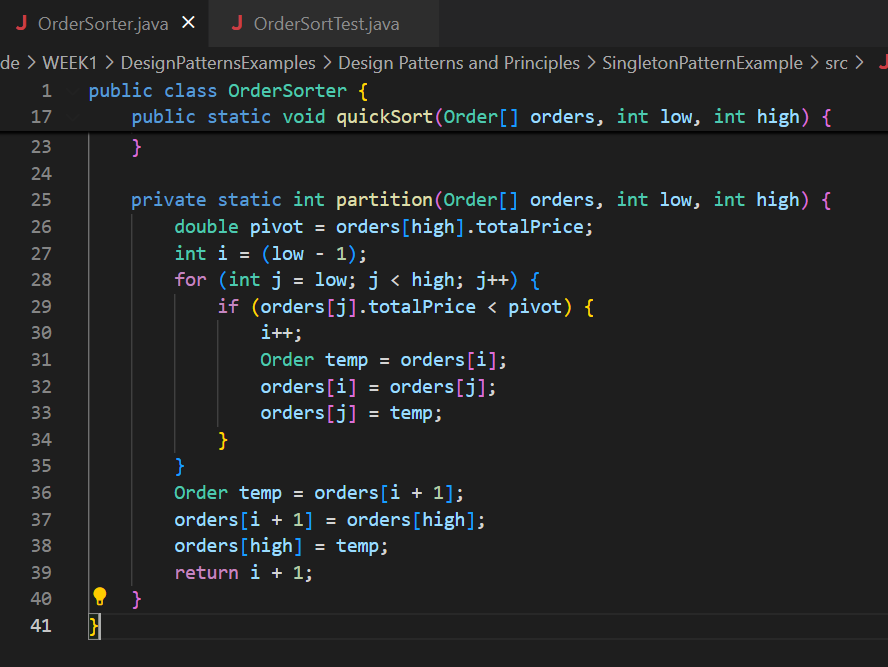
**Exercise 10: Implementing the MVC Pattern**

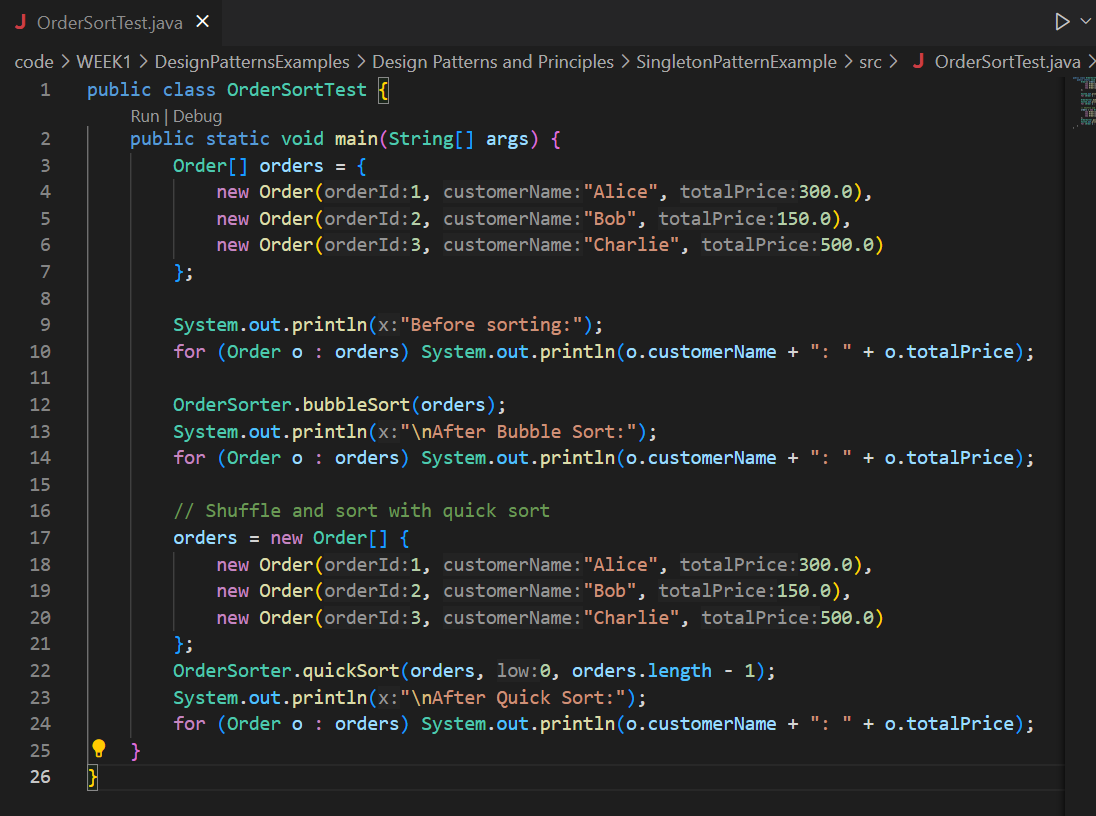
**** ****   

**RESULT:**

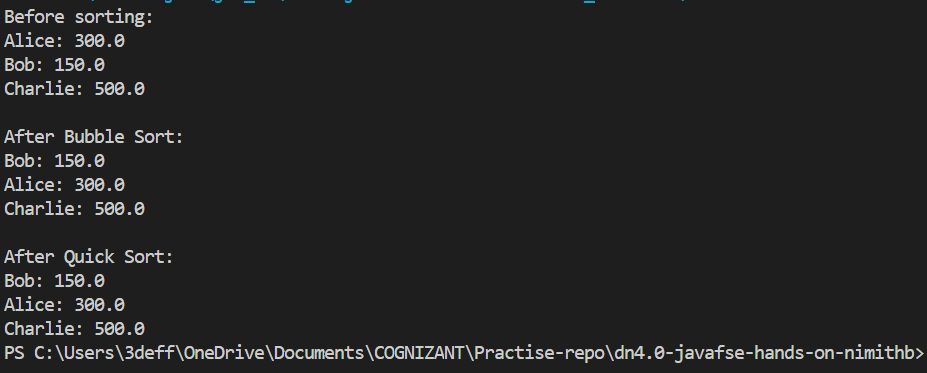
****

**ALGORITHMS**

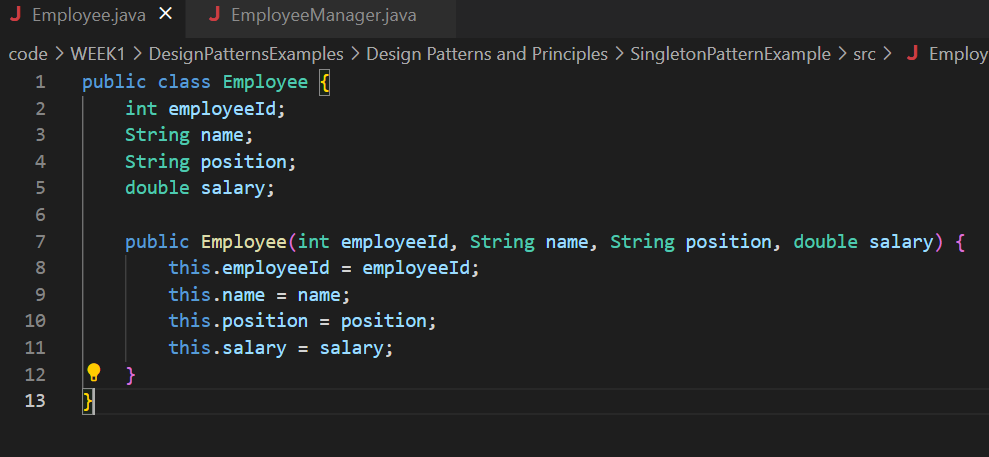
**EXERCISE 3 Sorting Customer Orders ** 

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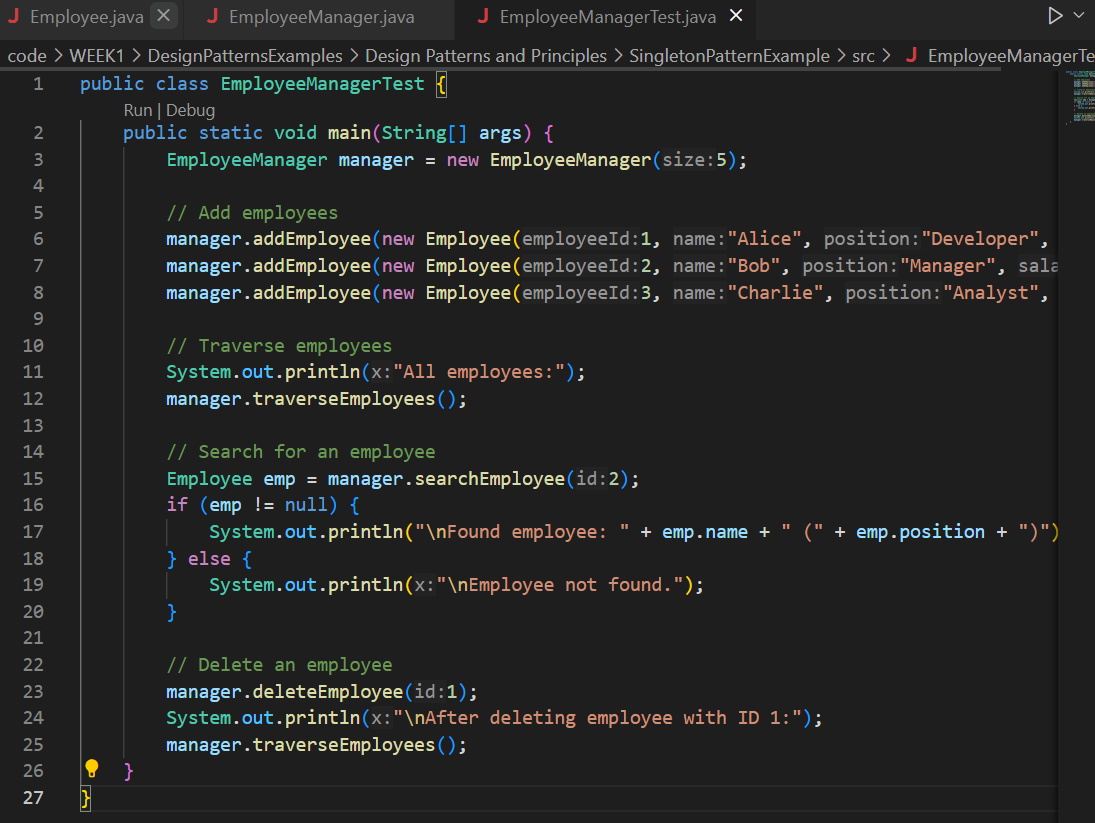
**RESULT:**

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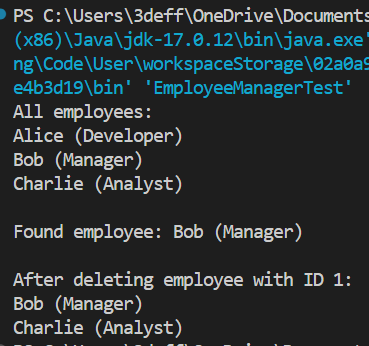
**Exercise 4: Employee Management System**

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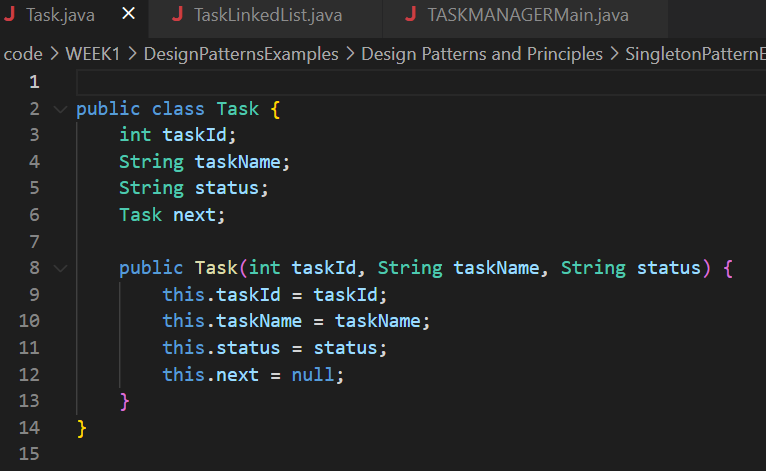
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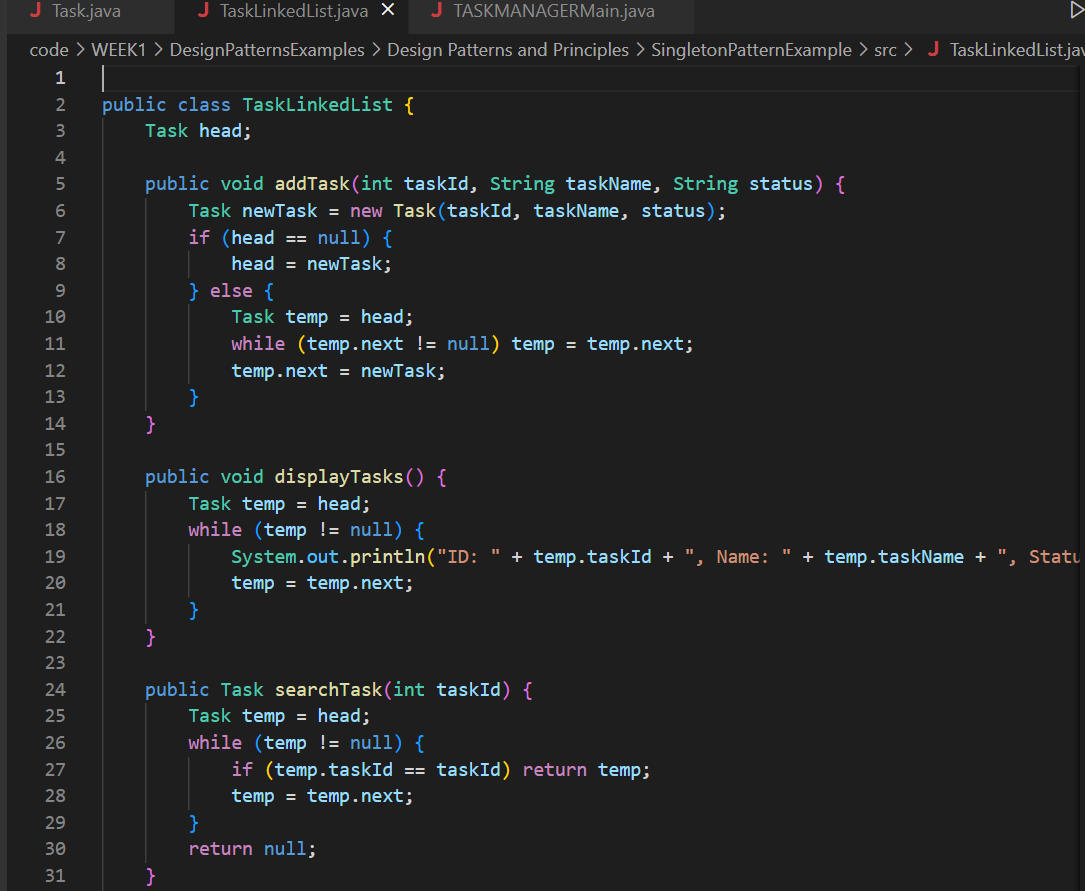
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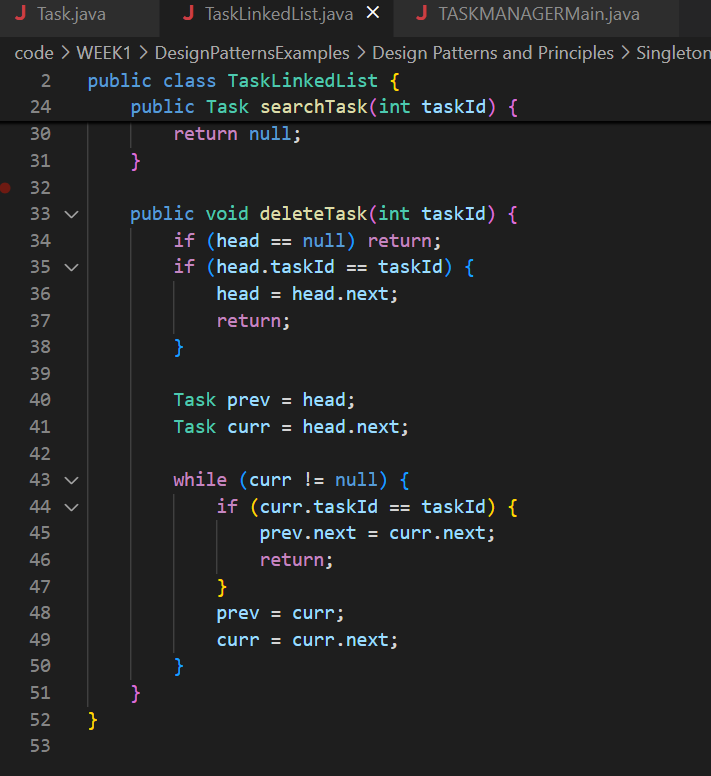
**RESULT:**

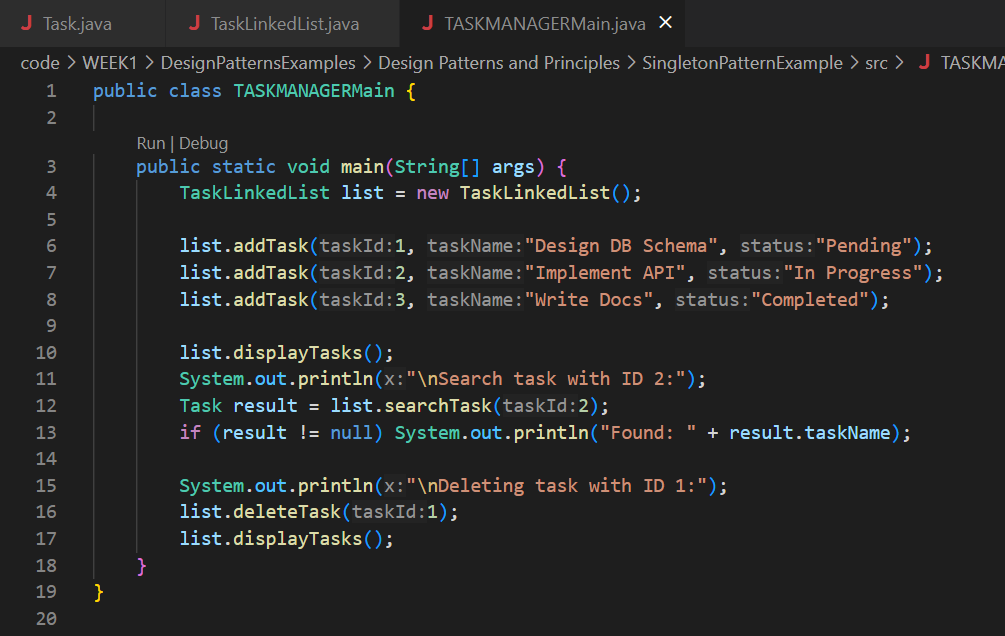
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**Exercise 5: Task Management System**

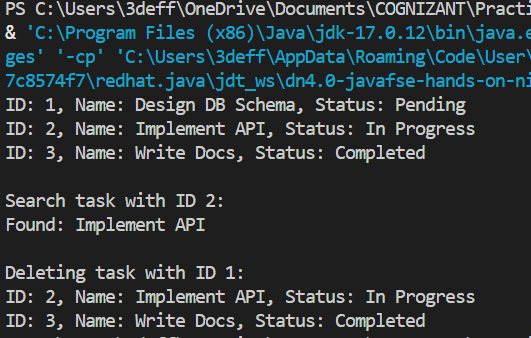
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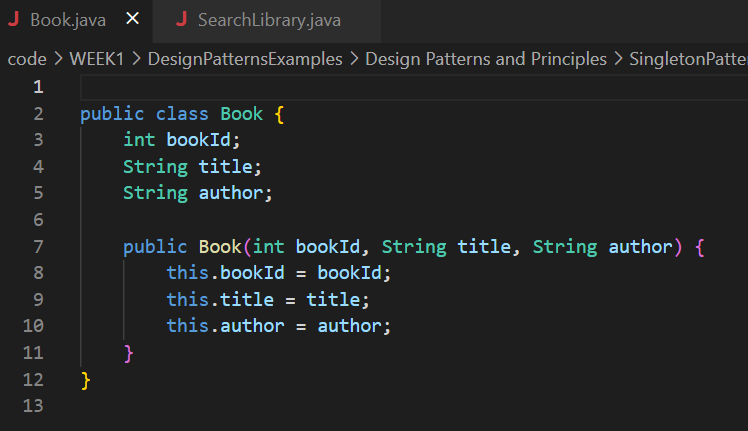
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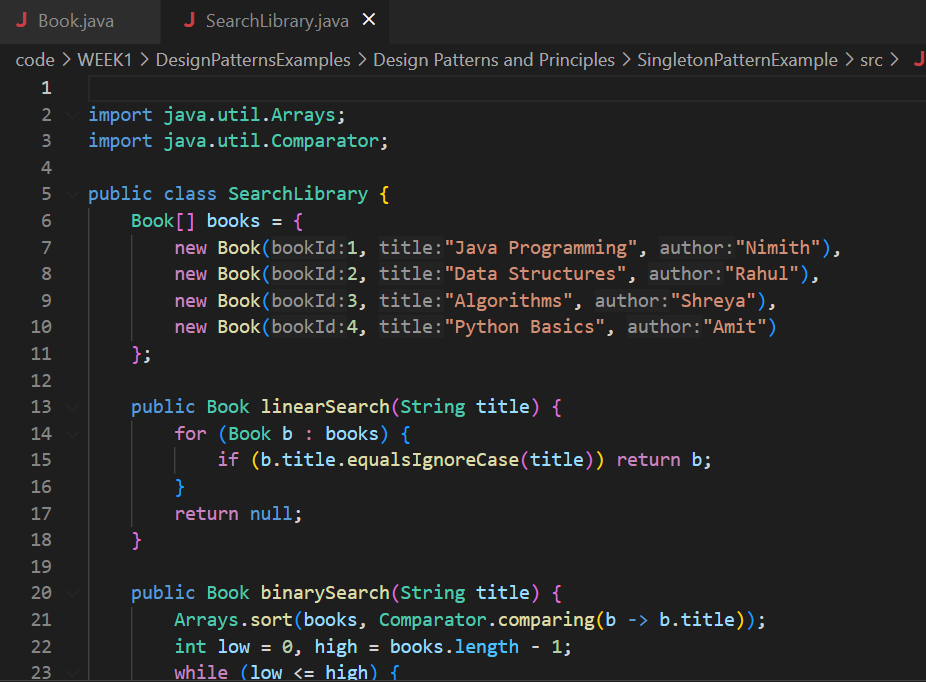
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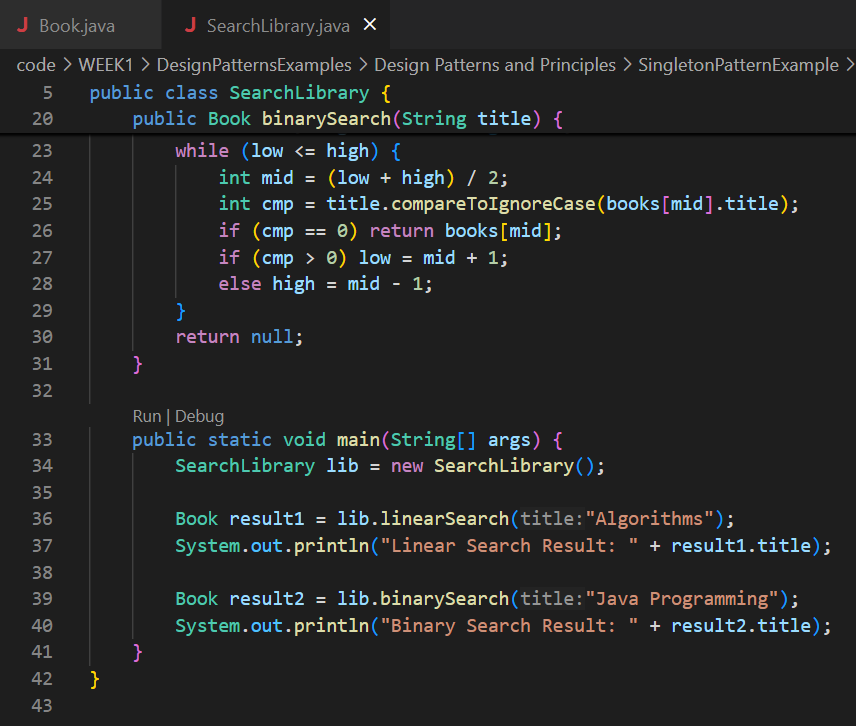
**RESULT:**

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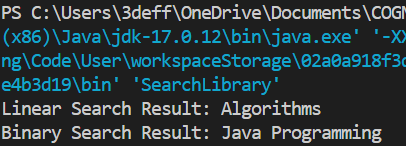
**Exercise 6: Library Management System**

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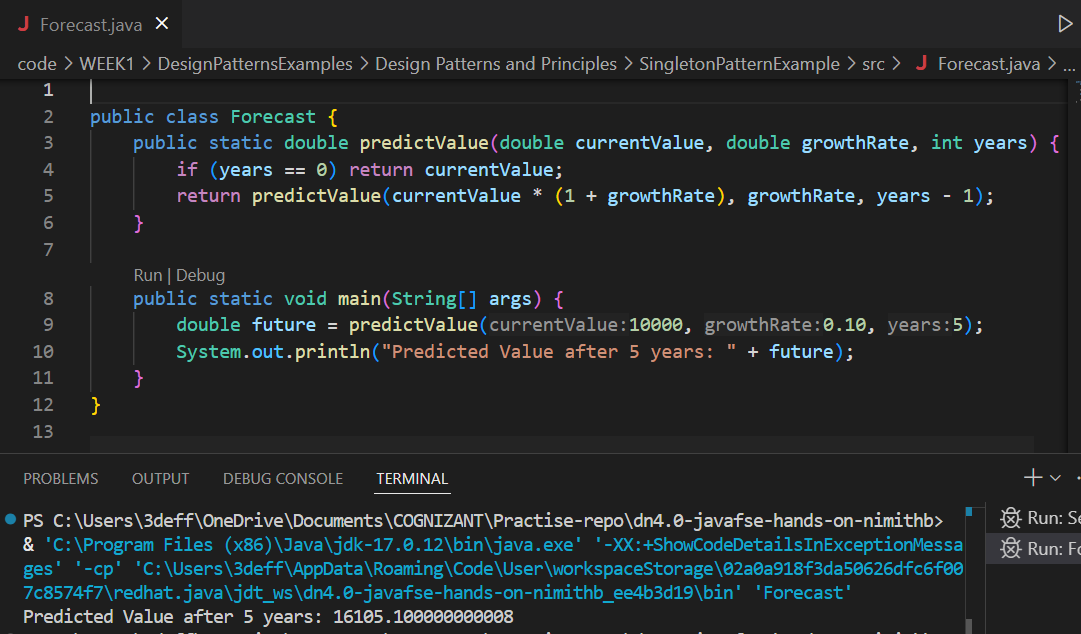
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**RESULT:**

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**Exercise 7: Financial Forecasting**

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