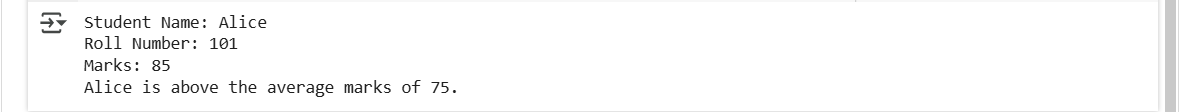
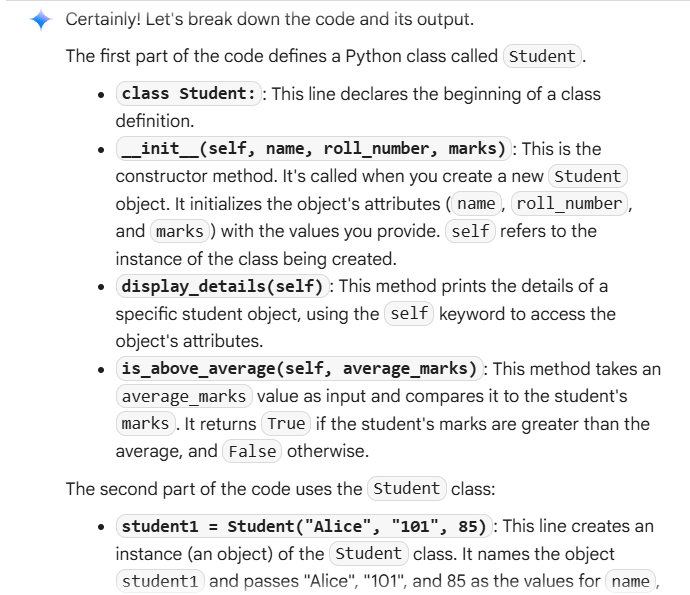
**Assignment-6.4**

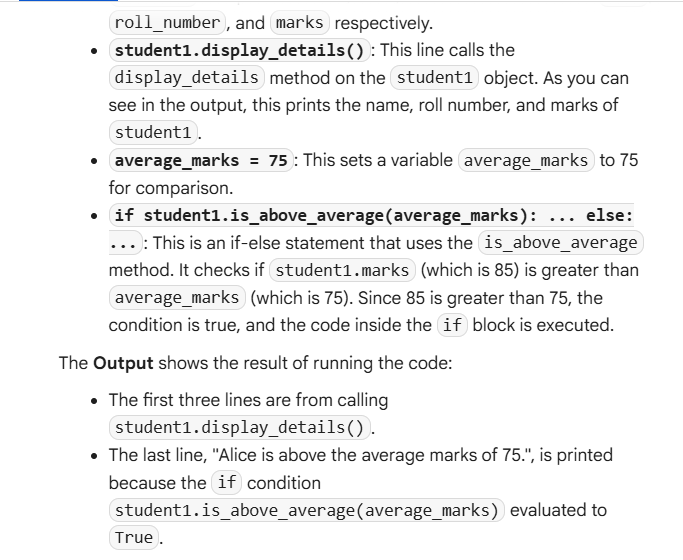
**Task Description #1:**  
• Start a Python class named Student with attributes name, roll\_number, and marks. Prompt  
GitHub Copilot to complete methods for displaying details and checking if marks are above  
average.

**Code:**

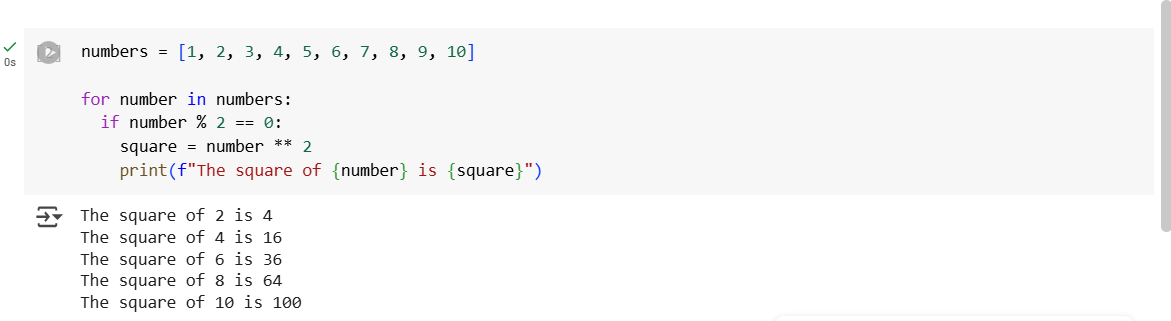


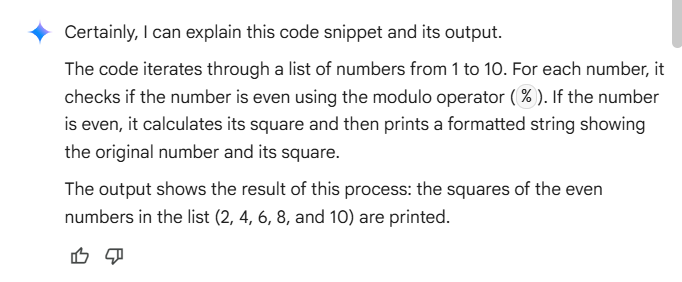
 **Explanation:**





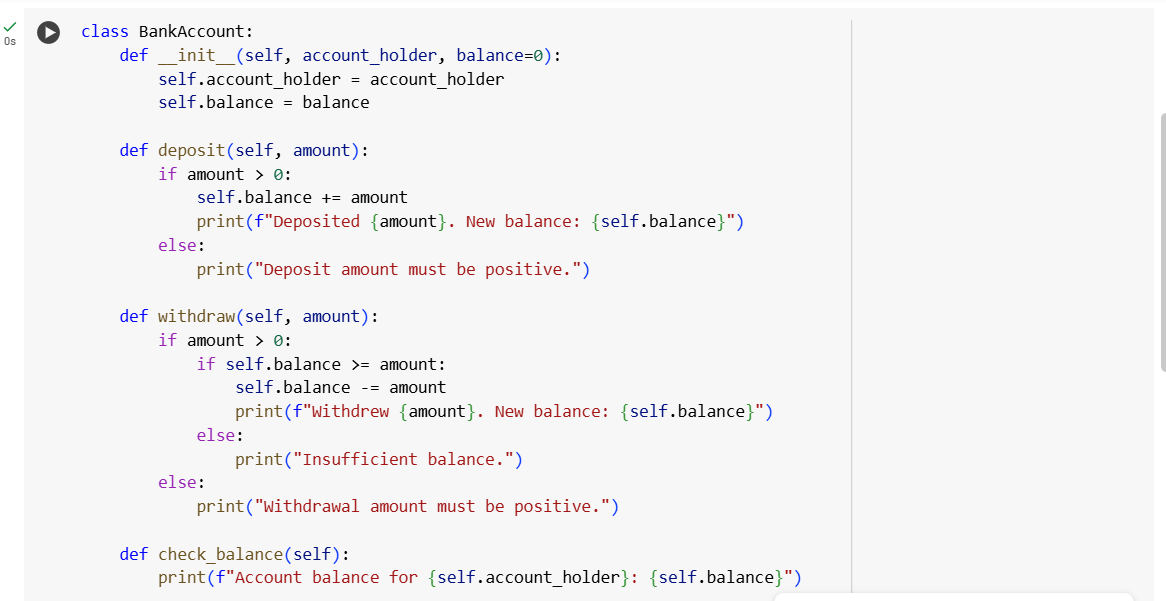
**Task Description #2:**  
• Write the first two lines of a for loop to iterate through a list of numbers. Use a comment  
prompt to let Copilot suggest how to calculate and print the square of even numbers only.

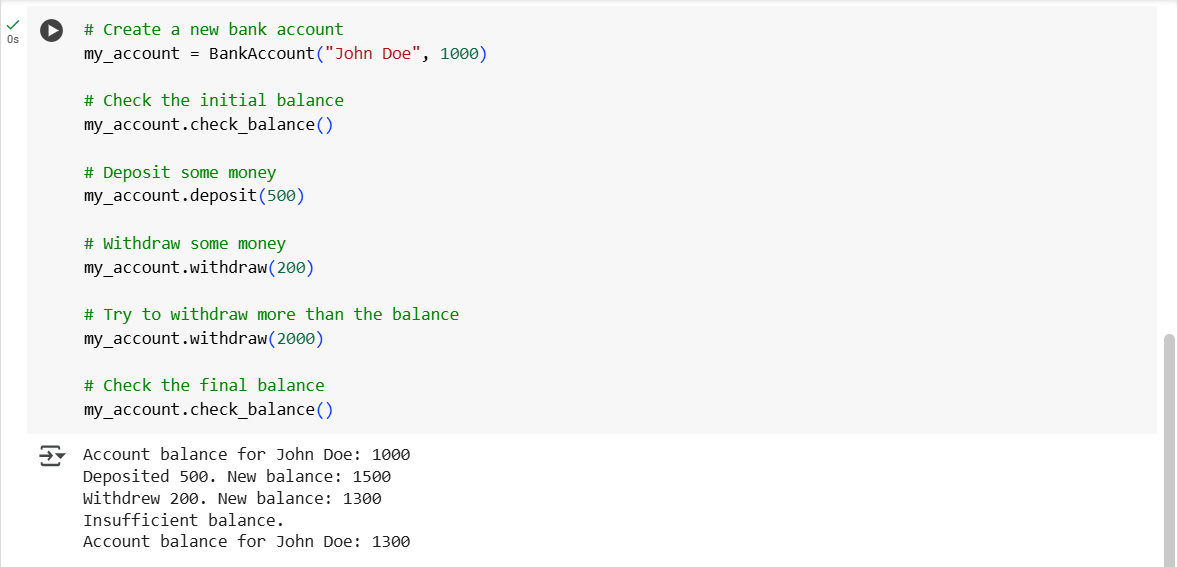
**Code:** 

**Explanation: **

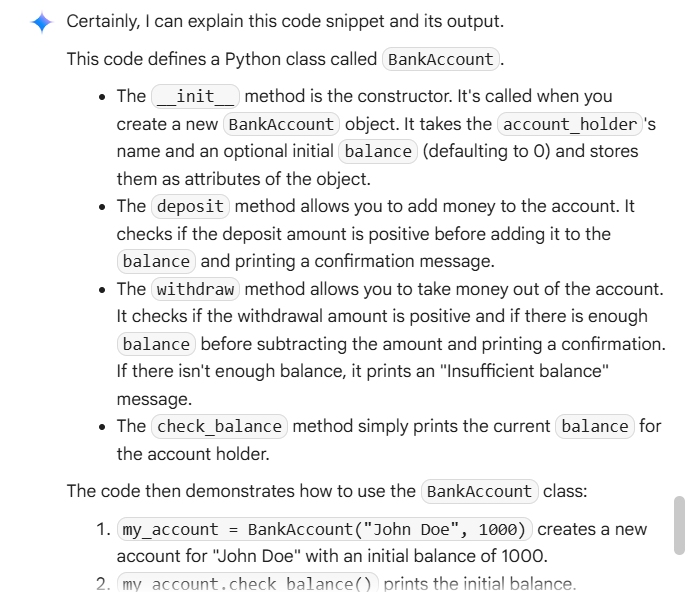
**Task Description #3:**• Create a class called Bank Account with attributes account\_holder and balance. Use Copilot to complete methods for deposit( ), withdraw( ), and check for insufficient balance.

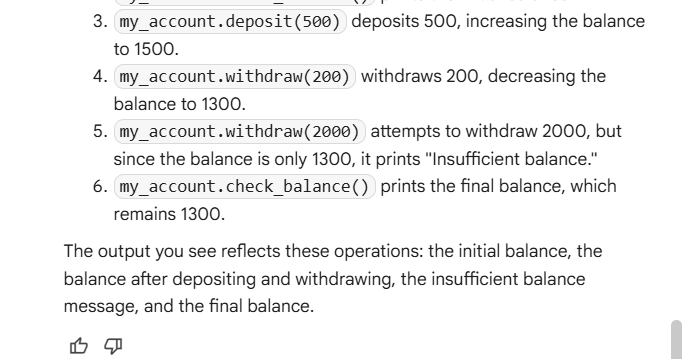
**Code:**

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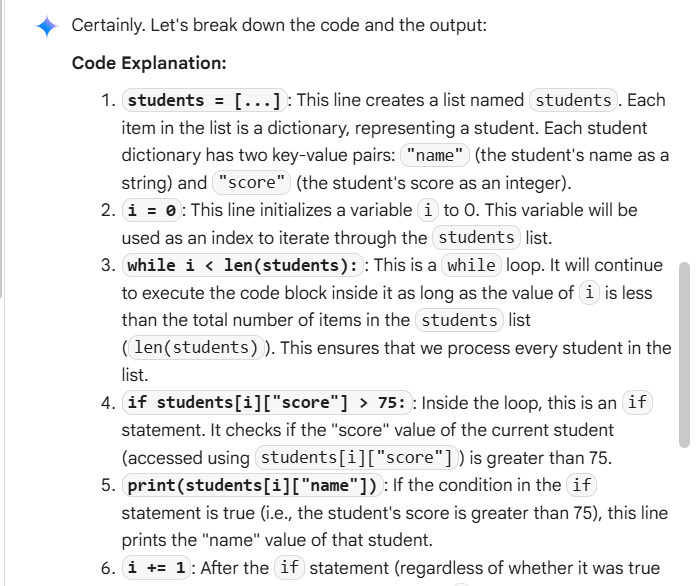
**Explanation:**

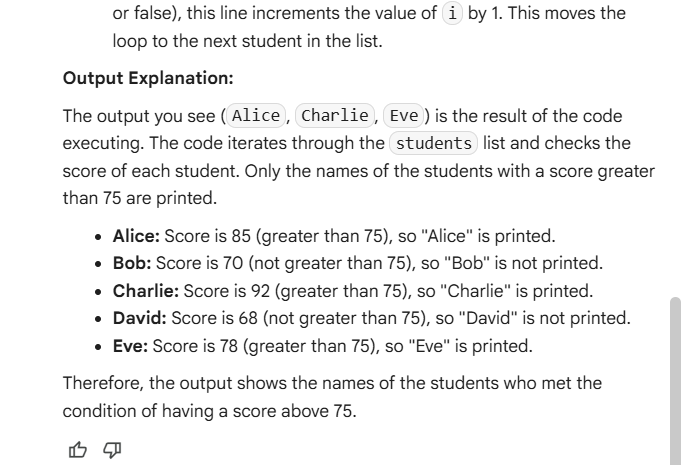




**Task Description #4:**  
• Define a list of student dictionaries with keys name and score. Ask Copilot to write a while  
loop to print the names of students who scored more than 75.  
**Code:**

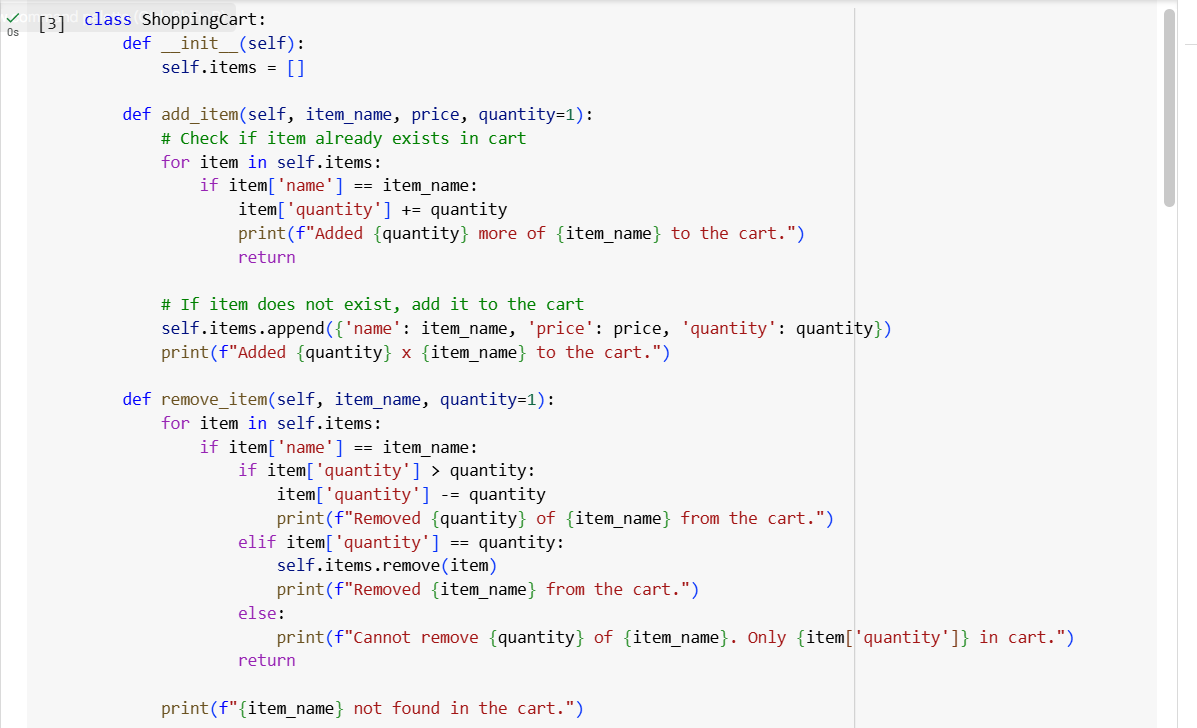
**Explanation:**

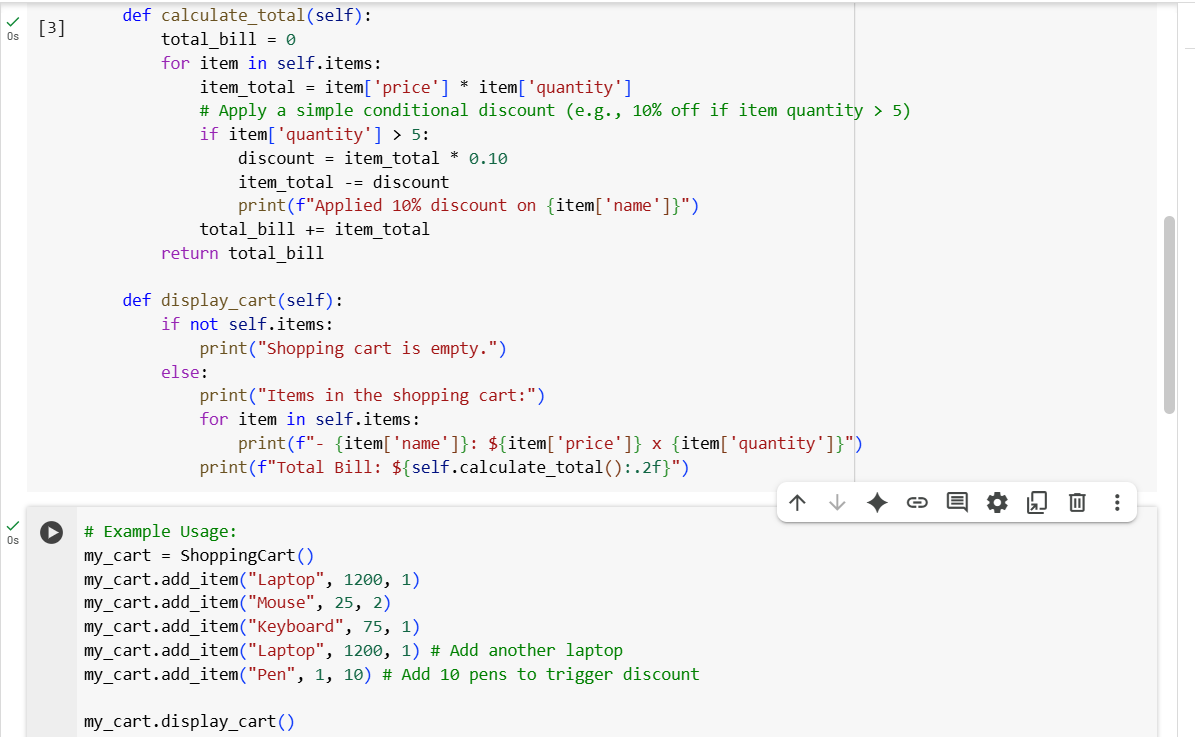


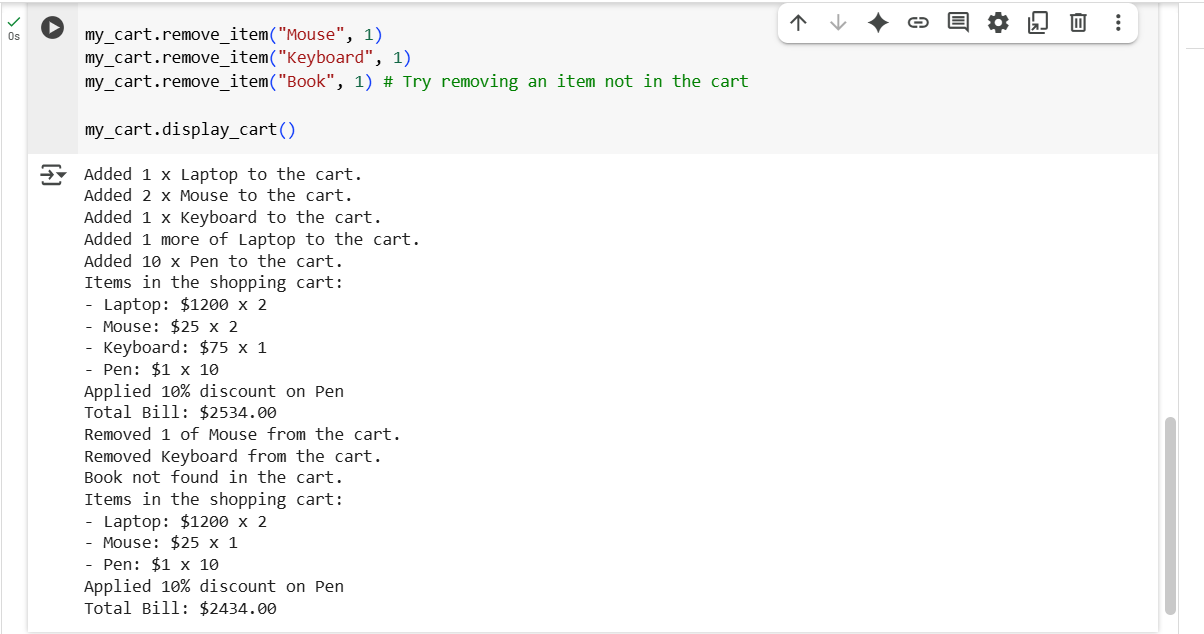


**Task Description #5:**Begin writing a class ShoppingCart with an empty items list. Prompt Copilot to generate  
methods to add\_item, remove\_item, and use a loop to calculate the total bill using conditional discounts.

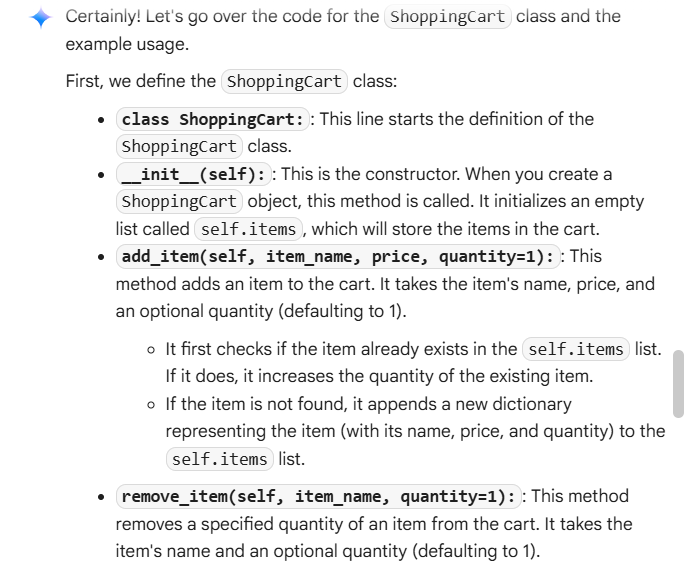
**Code:**

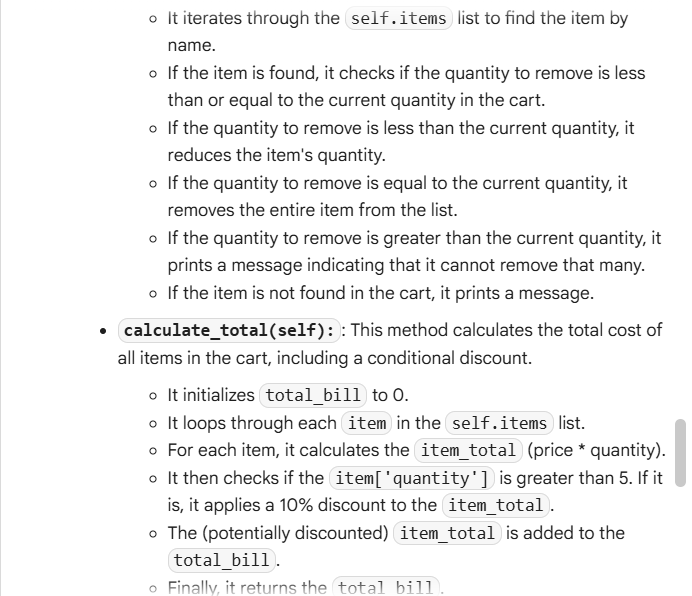
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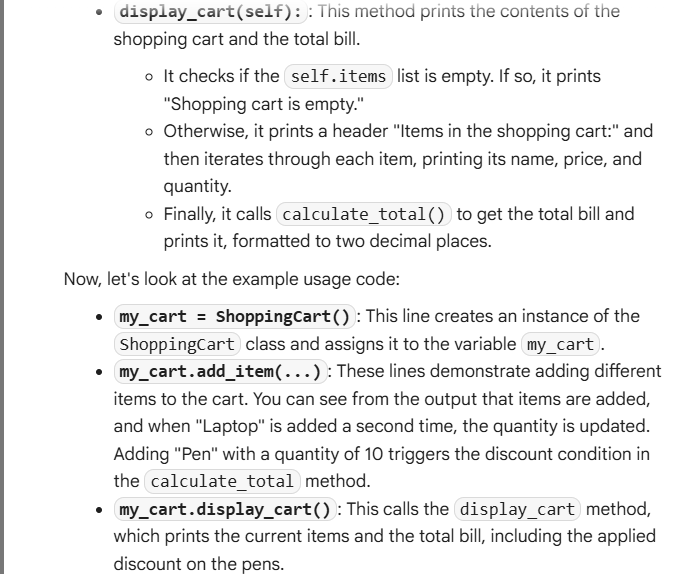
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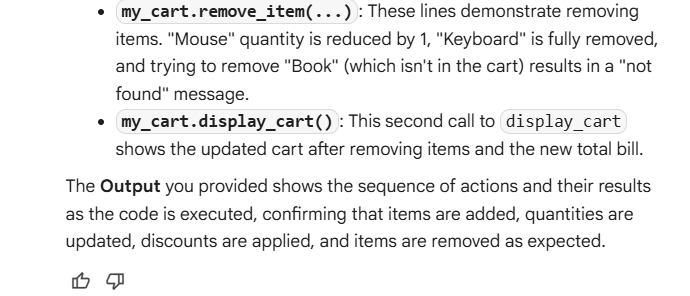
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**Explanation:**

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