

## SHOPPING CART SNAPSHOT

Cart contains 3 products.

1. Category of the second product:  
Electronics

2. Total price of all products:  
8500

3. Average rating of the first product:  
4.3

4. Combined tags from all products:  
{'wireless', 'gaming', 'portable', 'new', 'budget', 'premium'}

5. Adding a new product (product4)...

New product added successfully!

Updated Cart Details:

Total products in cart: 4

Product 1:

Name: Smartphone

Category: Electronics

Price: 3000

Ratings: [4, 5, 4]

Tags: {'wireless', 'portable', 'new'}

Product 2:

Name: Laptop

Category: Electronics

Price: 4500

Ratings: [5, 4, 5]

Tags: {'gaming', 'premium', 'wireless'}

Product 3:

Name: Backpack

Category: Accessories

Price: 1000

Ratings: [4, 4, 3]

Tags: {'budget', 'portable', 'new'}

Product 4:

Name: Headphones

Category: Accessories

Price: 3000

Ratings: [4, 5, 4]

Tags: {'audio', 'wireless', 'music'}

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PROGRAM COMPLETED SUCCESSFULLY  
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