

# Shopping cart with dictionaries

November 2, 2024

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[1]: """3. Shopping Cart with Dictionaries
Concepts: Dictionaries, conditionals, loops, functions
Task: Design a shopping cart system where users can add, remove, and view items.
Goal: Practice working with dictionary operations, looping, and creating
     ↪ functions to handle cart items effectively."""
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loops, functions\nTask: Design a shopping cart system where users can add,
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[77]: ## cart = {}

def add_cart(item, price): #to add items
    cart[item] = price
    return f"{item} has been added to your cart with price {price}"

def remove_cart(item): #remove the item from cart or if the items isn't
    ↪available then shows not found
    if item in cart:

        del cart[item]
        return f"{item} has been removed from you cart"
    else:
        return f"{item} is not found"

def view_cart(): #view the items in the cart, if the cart is empty then shows
    ↪"your cart is empty"
    if not cart:
        print("Your cart is empty")

    else:
        print("items in you cart")
        for item, price in cart.items():
            print(f"Item name: {item}, Price: {price}")
```

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while True: #loop that gives options
    print("\nChoose from below:")
    print("1. Add to cart")
    print("2. Remove item from cart")
    print("3. View Cart")
    print("4. Exit from cart")

    choice = int(input("choose between 1 to 4"))

    if choice == 1:
        item = input("Enter name of the item")
        price = int(input("Enter price"))
        print(add_cart(item,price))

    elif choice == 2:
        item = input("Enter name of the item")
        print(remove_cart(item))

    elif choice == 3:
        view_cart()

    elif choice == 4:
        print("Exiting from cart")
        break

    else:
        print("Invalid input, please try again")

```

Choose from below:

1. Add to cart
2. Remove item from cart
3. View Cart
4. Exit from cart

choose between 1 to 4 3

items in you cart

Item name: Pizza, Price: 200

Item name: Banana, Price: 60

Choose from below:

1. Add to cart
2. Remove item from cart
3. View Cart
4. Exit from cart

choose between 1 to 4 1

Enter name of the item Desi ghee

Enter price 500

Desi ghee has been added to your cart with price 500

Choose from below:

1. Add to cart
2. Remove item from cart
3. View Cart
4. Exit from cart

choose between 1 to 4 3

items in you cart

Item name: Pizza, Price: 200

Item name: Banana, Price: 60

Item name: Desi ghee, Price: 500

Choose from below:

1. Add to cart
2. Remove item from cart
3. View Cart
4. Exit from cart

choose between 1 to 4 2

Enter name of the item Pizza

Pizza has been removed from you cart

Choose from below:

1. Add to cart
2. Remove item from cart
3. View Cart
4. Exit from cart

choose between 1 to 4 3

items in you cart

Item name: Banana, Price: 60

Item name: Desi ghee, Price: 500

Choose from below:

1. Add to cart
2. Remove item from cart
3. View Cart
4. Exit from cart

choose between 1 to 4 4

Exiting from cart

[ ]:

[ ]: