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class Product:
    def __init__(self, name, price, stock_quantity):
        self.name = name
        self.price = price
        self.stock_quantity = stock_quantity

    def update_stock(self, quantity):
        self.stock_quantity += quantity

    def __str__(self):
        return f"Product Name: {self.name}\nPrice: ₹{self.price}\nStock: {self.stock_quantity}"

class Store:
    def __init__(self):
        self.products = {}

    def add_product(self, name, price, stock_quantity):
        if name in self.products:
            print(f"Product '{name}' already exists.")
        else:
            new_product = Product(name, price, stock_quantity)
            self.products[name] = new_product
            print(f"Product '{name}' added successfully.")

    def update_product_stock(self, name, quantity):
        if name in self.products:
            self.products[name].update_stock(quantity)
            print(f"Stock for '{name}' updated by {quantity}.")
        else:
            print(f"Product '{name}' not found.")

    def view_product_details(self, name):
        if name in self.products:
            print(self.products[name])
        else:
            print(f"Product '{name}' not found.")

# Menu-driven interface
def main():
    store = Store()

    while True:
        print("\nStore Management System")
        print("1. Add Product")
        print("2. Update Stock")
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print("3. View Product Details")
print("4. Exit")

choice = input("Enter your choice: ")

if choice == "1":
    name = input("Enter product name: ")
    price = float(input("Enter product price: "))
    stock_quantity = int(input("Enter stock quantity: "))
    store.add_product(name, price, stock_quantity)

elif choice == "2":
    name = input("Enter product name to update stock: ")
    quantity = int(input("Enter quantity to add/remove (use
negative to remove): "))
    store.update_product_stock(name, quantity)

elif choice == "3":
    name = input("Enter product name to view details: ")
    store.view_product_details(name)

elif choice == "4":
    print("Exiting the program.")
    break

else:
    print("Invalid choice. Please try again.")

if __name__ == "__main__":
    main()

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Store Management System

1. Add Product
2. Update Stock
3. View Product Details
4. Exit

Enter your choice: 1  
Enter product name: XBOX  
Enter product price: 30000  
Enter stock quantity: 10

Product 'XBOX' added successfully.

Store Management System

1. Add Product
2. Update Stock
3. View Product Details
4. Exit

Enter your choice: 1  
Enter product name: PS5  
Enter product price: 50000  
Enter stock quantity: 89

Product 'PS5' added successfully.

Store Management System  
1. Add Product  
2. Update Stock  
3. View Product Details  
4. Exit

Enter your choice: 2  
Enter product name to update stock: XBOX  
Enter quantity to add/remove (use negative to remove): -2

Stock for 'XBOX' updated by -2.

Store Management System  
1. Add Product  
2. Update Stock  
3. View Product Details  
4. Exit

Enter your choice: 3  
Enter product name to view details: XBOX

Product Name: XBOX  
Price: ₹30000.0  
Stock: 8

Store Management System  
1. Add Product  
2. Update Stock  
3. View Product Details  
4. Exit

Enter your choice: 4

Exiting the program.