Write a Python program to simulate a shopping cart. The program should have the following functionalities:

* Initialize an empty list to represent the shopping cart.
* Allow the user to add items to the shopping cart.
* Display the current items in the shopping cart.
* Calculate and display the total cost of the items in the shopping cart.

Implementation Requirements:

* Use a list to store the items in the shopping cart.
* Each item in the shopping cart can be represented as a dictionary with keys like "name" and "price".
* Use a loop to repeatedly prompt the user for options until they choose to exit.

| *# Shopping Cart Program*  *# Initialize an empty shopping cart list* shopping\_cart = []  *# Welcome message* print("Welcome to the Shopping Cart program!")  while True:  *# Display the menu options*  print("\nMenu:")  print("1. Add item")  print("2. Display items")  print("3. Calculate total cost")  print("4. Exit")   *# Get the user's choice*  choice = input("\nEnter your choice: ")   *# Add item to the shopping cart*  if choice == "1":  *# Add your code*  print("Item added successfully.")   *# Display the items in the shopping cart*  elif choice == "2":  print("\nCurrent items in the shopping cart:")  *# Add your code*   *# Calculate the total cost of items in the shopping cart*  elif choice == "3":  *# Add your code*  print("\nTotal cost of items: $" + str(total\_cost))   *# Exit the program*  elif choice == "4":  print("Goodbye!")  break   *# Handle invalid choices*  else:  print("Invalid choice. Please try again.") |
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