Exercise 3

Create a program that helps plan a birthday party with a budget. Allow the user to buy party items, check the remaining budget, and see their shopping list.

1. **Initial Budget - start the program with a budget of $100.**
2. **Menu Options - present a menu with the following options:**
   a. **Buy Decorations ($15)**
   b. **Buy Cake ($25)**
   c. **Buy Party Favors ($10)**
   d. **Check Budget**
   e. **Exit**
   • **Use a while loop to keep showing the menu until the user chooses to exit. (refer to hints at the end of this doc)**
3. **Buy Items:**
   a. **Deduct the item cost from the budget only if there's enough money**
   b. **If successful, add the item to the shopping list**
   c. **If not enough money, display: "Not enough budget for [item name]!"**
4. **Check Budget:**
   a. **Display current remaining budget**
   b. **Display all items purchased so far**
5. **Exit - Exit the program and show final party summary.**

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Hints:

Below Code blocks creates a loop to present a menu and accept user input.

```python
# Initial values
budget = 100
shopping_list = []

while True:
    # \n = print a line before "Menu"
    print("\n=== Birthday Party Planning ===")
    print("1. Buy Decorations ($15)")
    print("2. Buy Cake ($25)")
    print("3. Buy Party Favors ($10)")
    print("4. Check Budget")
    print("5. Exit")

    choice = input("Enter your choice: ")

    if choice == "1":
        # buy decorations

    elif choice == "2":
        # buy cake

    elif choice == "3":
        # buy party favors

    elif choice == "4":
        # check budget and shopping list

    elif choice == "5":
        # say goodbye and show final summary
        break

    else:
        # print a message to tell user the input is invalid
        print("Invalid choice! Please select 1-5.")
```