

Step 7 — Refine with GenAI

Gen AI Name: Copilot

My Prompt:

Can you review my café checkout Python skeleton and suggest any improvements?

Response:


Here's a focused review with concrete strategies to harden your input flows and make that checkout receipt shine.

Input Validation

- Menu-choice loop

Wrap your main menu prompt in a `while True` that only breaks on a valid 1–5 entry.

Python

 복사

```
def prompt_main_choice():
    while True:
        choice = input("Select option (1-5): ").strip()
        if choice in {"1", "2", "3", "4", "5"}:
            return choice
        print("Invalid selection. Please choose a number from 1 to 5.")
```

- Item name lookup

Normalize user text and test membership before moving on.

Reflection:

I directly took user input for the menu, and I could cause possible disruptions and skipped steps of the process, which is not the desired behaviour. So, I surrounded the input with a 'while True loop' which is recommended by the Copilot and restrictively accepted inputs to a set ("1", "5"). Any input that is not in the set prompts a preset response that conveys the error that was made. The user experience would be smoother as expected, which is one of the reasons I accepted the suggestion, but also the possible errors are removed, and the input was captured in a controlled measure. I tested the enhanced version and showed it worked well.