

## Activity 2 Reflection

This activity focused on building a strong foundation in Python by working with lists, for loops, and functions. Since I've played around with for loops before on Zybooks, some of the concepts felt familiar, but this activity took it a step further by combining them with lists and functions. I appreciated how hands-on and practical the tasks were, giving me the chance to really see how these tools come together.

One of the first tasks was extracting specific items from a list. It was straightforward, but it reminded me how important it is to pay attention to the details, especially since Python indexing starts at zero. Even though it's a simple concept, one tiny mistake—like calling the wrong index—can throw off your whole code. That idea carried through the rest of the activity and really stood out as something to always keep in mind. After re-reading my code and testing it over and over, I finally caught a tiny typo in one of the conditions. It was such a small mistake, but it caused the whole thing to fail. Fixing it was a relief, but it also reminded me how careful I need to be. Every line matters, and even the smallest error can make or break the entire program.

Working with functions was another area where I felt like I grew a lot. I also liked the `budget_expenses` function because it felt so practical. It's always fun when an exercise feels connected to real life, like estimating trip costs. It shows how you can use python for real-life practical things

Overall, this activity left me feeling a mix of pride and frustration in the best way possible. Pride because I could see my skills improving as I worked through each step, and frustration because coding challenges me to think in ways that don't always come naturally. But by the end, I felt more confident in my ability to debug and write efficient, functional code. It's exciting to think about how these foundational skills will help me tackle bigger projects in the future.