

Programming Assignment: Python Recursion

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1. Which language was easier Python or Impcore? Why?

Both languages have their positives and negatives, and after completing the assignment in python, it becomes obvious that the implementation is too trivial to pick one language or another. At the end of the day, both implementation I wrote had the exact same abstract logic, and it was more a process of converting ifs to if-elses, and adding return statements. Python is a little more verbose in its syntax (what variables are returned, and what are merely consumed for logic), and because of that, it is easier to read, write, and understand.

2. Did not having the built-in libraries make it harder?

Again, the logic for the set of problems (using recursion) is too trivial to even require libraries. The recursive logic is obvious, and the entire problem set did not require complicated math functions.

3. Which gave a more accurate answer? Why?

Impcore did, because in every instance where we expected an integer, we were only able to get an integer. The python logic needed in some instances to be re-written to accommodate for float results.