**Following are problems I was facing during my learning road to python.**

**Problems:**

1. Recursion:

Solution:

Concept not clear. i just know that recursion is a process in which a function

call itself. But cant use recursion as loop.

1. **Name error:**

**NameError: name 'total\_dollers' is not defined**

**Solution: by checking my spelling of my variables I solve this problem**.

1. **UnboundLocalError:**

**Solution:**

The above error occurs because, when you make an assignment to a variable in a scope, that variable is automatically considered by Python to be local to that scope and shadows any similarly named variable in any outer scope.

1. Index Errors:

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Next up are errors having to do with containers (like lists and strings) and the items within them. If i try to access an item in a list or a string that does not exist, then you will get an error. This makes sense: if i asked someone what day they would like to get coffee, and they answered “caturday”, you might be a bit annoyed. Python gets similarly annoyed if you try to ask it for an item that doesn’t exist:

## File Errors:

## Solution:

The last type of error we have cover today class are those associated with reading and writing files: FileNotFoundError. If i try to read a file that does not exist, i will receive a FileNotFoundError telling you so. If I was attempt to write to a file that was opened read-only, More generally, problems with input and output are consider as IOErrors or OSErrors

* **Intro to C++**

### Error, Errors, Everywhere:

This language contains a lot of errors:

Logical error

Runtime error

Declaration error

Semantic error

* **File handling:**

I was facing too much problem in this topic while opening a file or creating a new file and accessing the data inside the file. But this issue was due to syntax.