**Beginners**

* Basics Syntas
* Variables and Data Types
* Taking input and providing output (learn ‘f’ method)
* Conditions (if, elif, else)
* Loops (focus on for, look while slightly)

**When you complete these do this:**

Task: Basic calculator that takes + - \* / as input and numbers as input and doesn’t end until user explicitly tries to quit (for this use While loop)

**Next step:**

* Exception handling (Try, except herda hunxa basics error handle garna)

Task: Improve the calculator by using error handing such as if used inputs wrong symbols or if divide by 0 condition arises.

* List, Tuples, set and dict (Learn how to use them, where to used them and their methods like .append, .pop etc)

**Inside these things:**

* + - Learn basics of List comprehension (maile ni birseko chu yo ta)
    - Map function
    - Filter function

***For map and filter Tala lambda function xa tyo garda sangai garda hunxa. Use map and filter with lambda function)***

**Functions**

* Inbuilt function such as time, random use gara halka
* Basics of functions
* Using \*args and \*\*kwargs

**Task: Now convert the calculator in function using args and kwargs. You can use your own creativity on the functionality level**

**Slightly complex but pythonic**

* Lambda function
* Decorators (Just bujha that these thing exist)
* Generators (Just bujha that these thing exist)

**Task: Make a decorator that finds out time taken by calculator function)**