

Advanced Looping concept

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Practice Questions - <https://colab.research.google.com/drive/1GOkFcycOKP-ZP15PeOdu1-NmONWw295?usp=sharing>

Class Material - https://colab.research.google.com/drive/1eWA1N9DVWp5po_cg0-Er6YIMYr28DK9L?usp=sharing

Lambda Function : Anonymous Function used to implement simple logic.

Python Lambda Function

f = lambda a: a * a

↑
Function object that
accepts and stores
result of expression
f(2) = 4

↑
argument
f(6) = 36

↑
one-line expression

Key characteristics	Map	Filter
Syntax	map(function, iterable object)	filter(function, iterable object)
Effect of the function on the iterable	Applies the function evenly to all the items in the iterable object	Function is a boolean condition that rejects all the items in the iterable object that are not true