functions are associated with the idependent of objects / classes, convicus metro de are Niot Associated with objects / classes. Function Method. Truevation = function name () | object metuod (uos motod) & No avers to object / class Can avess offer / was data doute . Part glass adjointing * Def Keyword to the function while it it is consect. These warms are assigned to the local ponding parameters. Parameters are the variables defined in a function's signature (définition). Puy aut as
planetions for the nouves that the function will bereine when it is called. edickly berogen whom a

/xendes and cau for passing arguments elefant parameters. * Assign default values to parameter function Signature with default values notion with variable pastioned (arge) To anepo ar ancibe pasteonial area Com! Pass any number of positional and -ument notion whe variable beijuard Argumens to anexy variable of keywards. Pass kay ward arguments

Dembola functions (Anonymous functions) to create small, anonymous function Assign tu lambola to avariable come it ownity. B Lewesice bunchos :- A function that caus itself invoke tu function with a base are to prevent infinit quersion' functions as an argument originant to another function Cau: foucke the outer function and poss que union function as an ougument. Desuren Satement: Poseturen avalue from the function. in avariable fus it directly

(4) Serves tue purpose of serving avairely serves to the purpose of serving avairely avairely the function allows by function to produce and two carrier of the function theat can be used elsewore in the program. I terestors are the internate process done during the throton to an weakles, Therestery passeries in wore form of the derection [Per -ables helier gives prevouvre one-by-one. => Generators are a simple way to create iterators using function and the yield keyword enstead of returning values. bienerators produce values one at a time only weren sequested, colling monory usage,

generation function can guis tu output very fast and it due news space to do the calculation. The execution time is fast as regular function, It durintery give the calculation and simpler Syntese. lambda function is an anonymous function to vient quille contput will smaller and Sumpler syntan, Puny one used when we would to do sman turousaway fundions -> map function helps in mapping each and every element of two verable, 94 takes storable as unput and customise is. => map (1 function applies agus en function to som element of an eterable (e.g. lest tuple) and Osuns amap offeit (an verictor) contuning transformed elements.

ves a specifical applie aguin function from the functions mounts
Wernens of an exercible, cooling it to a single function function applies a producing function that setuin True / felle to come element of un storable and returns on straite Containing only the element for waver the function seturn true, Trunal medianing. # Initial list: [47,11,42,13].

lambela function: lambela x,4:244

fluis function takes two values x any

4 constructions their sum: A frist Troncition
Input 21:47, 4:77 operentien : 47+11-18-# Sewond Hercitus 21: 78 (from frist Heraction), 4:42 Operentues: 58+ 42=100 H Muriel Hereston Sward Hereston 4=13.

212 100 (from Sward Horston), 4=13.

Operation 100 +13= 113 finishers.