User -- From Users

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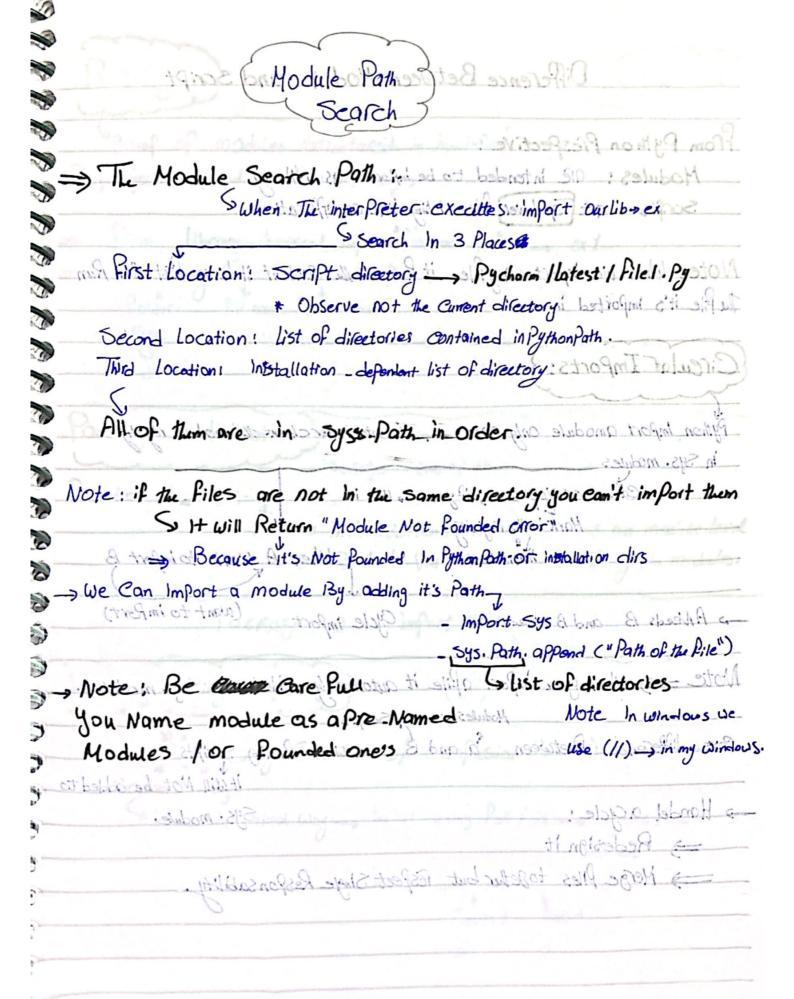
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Modules: Develop, use and install:
S Develop your own module _ ( Like the hospital system)
2) Marce use of built-in modules
Swe already use built in modules -, max, Len, dir
has more built in modules that are focused on specific Task.
3) we can install external Packages and all shed the good that still
- We canter the form the Bout to some hors
We Want to Use Hath module 1-12 The Many
Sessificial with the Benefity Benefity
Import math
-> Print (math. sgrt(16)) get 59 ware.
- Print (math. Pactorial (5)) -> get Pactorial of a Number
- Pant Cmath Pid - Return 3.19
-> Print ( math. eas (math. Pi 12)) We use value as Pi Not go or 180.
- Sugary - coch madde for the rest names for Monare a Misson.
We can Rename amodule and Rename it.
import math as XXX _, use very short Name for more cover.
Print (XXX.Pi) Way or To Prevent abstraction When she to
We can Import functions multiple classes with the Same name.
or Import Voriables and been Seen in my script 1.
From math Import PI and , factoral _ We should be aware
Print (PI) (SIGN - bis attended to Names to avoid name
Annt Chaetorial (5)) Collisions. 19. trette
in prethologic has make it whole easier to give enellour a lossy.
⇒ don't use such from moth imfort * - means Import all.
inside afunction we can import amodule to use it inside this scope
only. To avoit use it in another function or main.
The work use is in success runding or mains

## OS and Sys modulas

	Fr. Search Path Por modules 44 Seath diet Cor Carrent Por Introctives
	=> Environment Variable:
	( S Name - Value that a Process may Access to get some
	info (Por Configuration)
	In Python - echo \$PWI) - Return current working Dir.
	Creating Hodules
	=> Python Path: is an Environment Variable, its value are list of directories
-	(Sit's used to ADD Path For user Defined modules Primory Reason
	it's Dir added to sys. Path directory list.
	Note: through as module, we can access environment variable from Python.
	Print C "Pale Mone". Ale :) - Return 125 Poth. ("Inslubom" 120
	Print C "Pile Mone". Fle :) - Return 1t's Poth. Bow His to work with
<b>7</b>	-> When you import one function from library it so trogaTe
-	has every thing Relative to environment Values
<b>⊘</b> ≥4-	> Print (list ( os. environ · Keys ())
34 -	> Print (List ( 65. environ . Kegs ())  Return values as ['Path', I Home', 'User', 'PWI)']
3	- Motor: Be Green Brown Publish A Ling Litt of Alexander
⋑ 34-	Print (OS environ [ Home ] - it WIN Return an error If it's Not founded
ر نو	So we use get Better
,	a ban a de la la de la
<i>y</i> –	when you make changes it effect only your Local Session , Os. environ doesn't
	Overwrite the System Vars.
9	
	os environ get ('Path') _ Return excutable files only.
	U
1	most Imp.  Observiron get ('Python Path') -> It has directores -> We use for specifing
	Where are other modules.

#Search Path for modules	# Script did (or Gurrent for Interest.	Tree .
# initalize from the environment Varia		
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Creating Module		76
Module Python Piles Todas	(So it's used to ADD Path for U	-
we can more it few steps	. Create afile with some function	s.√.
Print ("File None" File_") -> Ret	urn It's Poth. "Import this for	
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dientodes - lue use Por Specific	easilon get ("Pyhon Pan") - It has a	.20



## Difference Between Module and script

From Python Prespective:

Modules: are Top level files acting like an application.

Note: When we import any file it Run all the Content it have First thin Run The file it's imported in