·	Day-16 Date: 26/09/2025 _/_
They .	Data Structures our sa conclusion o
*	Typhon data structure are hope of
	organizing and sorting data sothat they
Cialand of	Com be anassed and mostified efficiently
	Brilt-in datalkrutule
1.	List - [] ("indexed": access by position) #
NATION	Ordered, mutable (can charge), allows duplicates
٤٠	tuple - ()
3.	Set - 23 montable (connot change after creation)
)	Conordered, no desplicates
4.	dictionary - E'key'; 'value'? Her
	Hore key value pairs
-0	1 °CA - 1 - 1 - 2 - 2 - 2 - 1 - 1 - 1 - 1 - 1
	List-heterogenous data Colloctor
	delails = [areena", "2002", 5,8, True, 2346, 4+8j]
<u> </u>	details nothing which to englith
•	# Cocaled a list of many of the
	[aneens!, 12002', 5.8, True, 2346, (4+85)]
ò	# to add element to last (and)
	details, append ("Data Analyst")
	details

	1 Det Det: 26/09/2025-
o	['Aneeva', '2002', 5.8, True, 2346, (4+8i), 'Data auslyst']
400	would sen state will of the work of the
	#To charge True to False defails [3] = False
within	defails [3] = False
V	[avecena', 2002', 5.8, False, 2346, (4+8j), 'Data Avelyt']
	- Built - 1. And Italian Comment
٠	# To delete planieritox and IT - +211
251-18/2 - 121	details.pop() # pop(3) [pop(2) any position
	details
(mid = 00)	Calcart Emperitable Committed Science of the
	# To print one be one
	For i in delails ishes had harmed
	print(i) = 200 ! had ? - war mit ish !!
. 0	ancora erian a vair alamis.
	2002
	5.83-11-100 Mah was made to 1 (1)
	False
17.34	Ach. 11 = Transon " "2002" 5.8, True 2346, 4.
	# To prent with position
7.G 31	for i in enunerate (detaile):
TA.	[(internal sprant(in) x.Z. (in) transfer (harses)]
6	(o, anewa')
A A	(1, '2002') sended to make both of #=
	(2, 5.8) (" but no Noa") began elected
	alimited of

__/_/__ # To repart demant aletails [1] = 23 details ['acreeura', 23, 5.8, Talse] 1000 - 10 # To add element without replacing details. insert (2, "2000") defails (2) human . s) ['anequa', 23, 2000, 5.8, False] [1.PH.18.H.72]10 # To remove Sperific clament details.pop(3) details. details · romore ("aneone") delails It length of list Oen (defails) # Court of elements details. Court (5.8) Alails. Clear () # delete list del delails

	T T
-	11 = [5,2,9,7,1] the same of the of the
	Create 12 by square humber of 11
	l1 = [5,2,9,7,1]
	12 = []
	foreintallentias tomber the
	S=j*; ("nonc" e) reseri elimint
	l2. append (5)
	12 [18 A. B. B. D. D. D. E. C. B. D. D. C.
0	[25,4,81,49,1]
	the the officer of the officer.