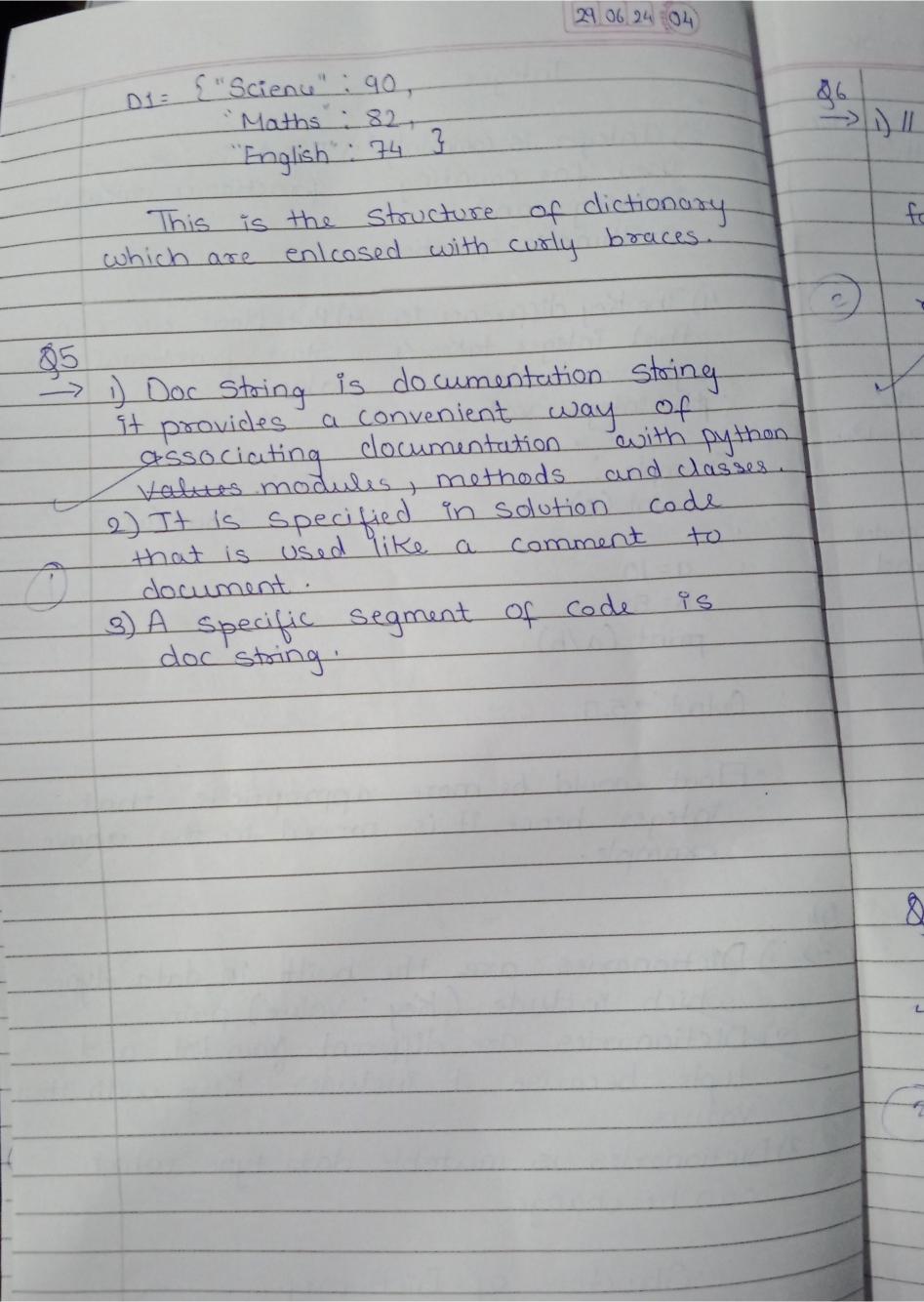
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91		
	list	Tuple
	i) List is a mutable that contains in list can be change.	1) Tuple is immutable data type which can not be change.
2	2) List is enclosed within Square brakects. Example:-	
	3) List is slower than tuple and read intensive task	3) Tuple is faster than list due to fixed size
	4) Dynamic data frequently change	4) Static data constant and un changable.
1 130	5) Example: L=[1,2,3,4; "Stoing"]	5) Example: T=(1,2,3,4,5)
	The Constitution States of the Constitution of	

	J Sets are the unor datatype in Bython.  J Each and every ele unique. Set do not values.  3) In python, Sets are efficiently remove duplicate value from list and a collection common math ope as follows:-  1) Union  ii) intersection	include duplicate  highly useful to duplication of the  a collection like a list to per large	
	for eg: $51 = 9, 1, 2, 3, 4,$ $81 = 9, 5, 6, 7, 8,$ $83 = 9, 6, 7, 8,$ $9$	5,63 9,103	
<b>Q</b> 3	$\text{Oxtput} \rightarrow \{1, 2, 3, 4\}$	,5,6,7,8,9,10}	
	Integer	Float	
(2)	Distager is numeric data type.	1) Float is the number with decimal point representation.	
	2) Integer can be tre or the -ve	2) Float can be fit ve or -ve but in decimal float.	

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Toleger	Float	
	3) Float is used to fractional calculations.	
1) The Key difference is that integer takes 4 bytes and stores the integer value	4) But floot we can Store fractional value also.	
Example: int (a)	Example: float (a)	
a=10 b=5 print (a/b)	semply age A (e	
Output > 5.0		
·Float would be more integer hence it is example.	appropriate that proved in the above	
Dictionaries are the built in data type which include (Key: Value) poir.  9) Dictionaries are different from list and tuple because it includes Keys with their values.  3) Dictionaries is mutable data type which can be change.		
· Structure of Dictionary.		



) Il operator is use for the float division in python. for egi-· If we perform simple division, it will return the floating value. print (a/b) Output > 5.0 · But if we perform float division it will return integer value. a = 10 print (allb) Output > 5 > 1) == Operator is relational operator which use to check equility of two variables.

eg- print (a==b)

2) Example: Output (felse). 2) == operator check if the Value of two object are

2) (is) operator is used to thick same operator

110 a gint with some prepation

equal

1) += operator is also assign value with
2) It is used to assign value with Incrementation. a=10
print (a+=1)
Output- II. 3) Example: In above example use increment the value of a with I and assign to a variable. 39

i) in operator is the membership operator
which is used to check the value and
present in that series or not. Example:-L=[1,2,3,4,5] Output: - True. ) i) if statement is used to check the 2) if the condition will True it will Condition: perform some task. 3) Example a=10 if a = = 2 else: print (" a is not equal to 2")

output :-Q14 1) Continue Statement 1s used to skip the iteration. 『三」 while 9<=5: if i==3 print (i) continue. continue.