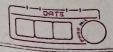
	Name: Aditi Digambar Patil.  Subject: Data Associates	22 30
	Explain the difference between list and a tuple in python provide an example for entire time.  List is changable in Tuple is	unchan-
2	2) List is created 2) Tuple  Using ([]) square created 1  brackets. (2) Par  3) Duplicate Values 3) Duplicat	rantheris.
Q.2	allows in list allows  4) $Ex - 5$ List = [1, 2, 3, 4]  TUP = [	1,2,3,4)
→	set is one dataty pe in Pyth  Set are created using of  Curly braces.  Set are unindexed.  Duplicates are not allowe  the Set.  Set. = {" Apple", "mango", " &  Set. 2 = {" cherry", "Papaya"} }	



we can update set 1 and set 2 we can access the elements De set using loops. 0.3 float - float datatype is stores the Floating point value.

Ex - a = 4.2 Integer - Integer datatype Stores

the integer value

Ex - 9 = 4

- = Float by Using the float we

get more accurate answer

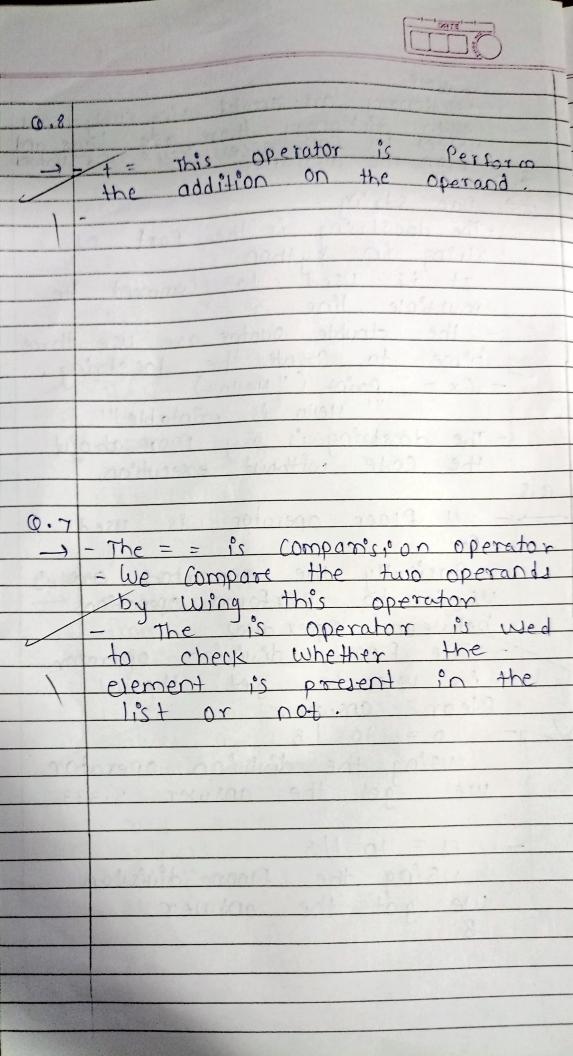
EX = 10/3 = 3.3333 0.4 - Dictionary datatype are differ - dictionary datatype are created using if curly brace.

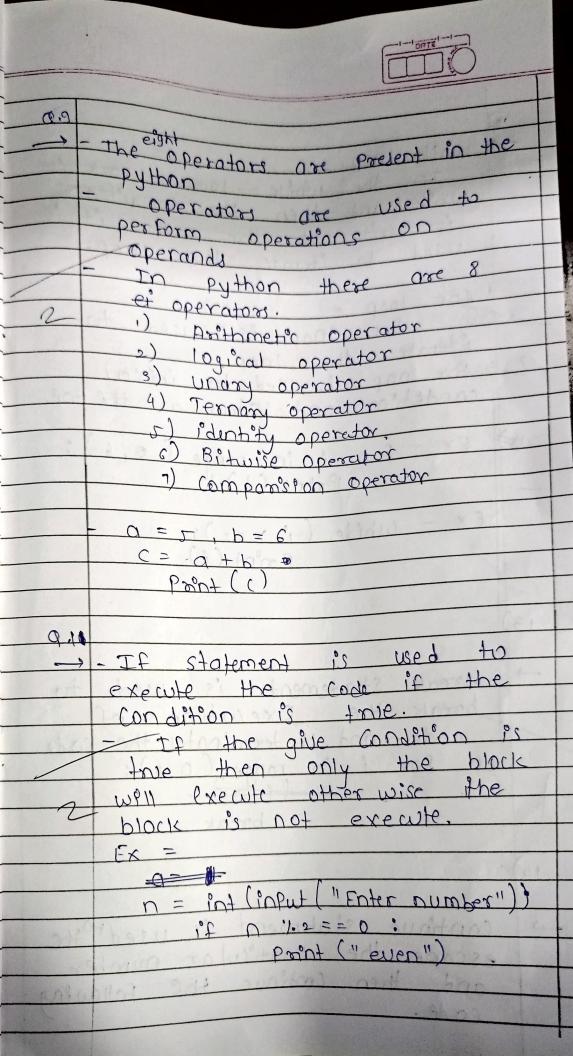
In dictionary key and twalves are in P curly brackets.

- puplicates are not allow in the dictionary but in list and tuples duplicates are allows. dictionary is unordered but 1ist are I ordered. = Ex - dict = {" ABC" : 48, "POR": 49, "xyz"; 50

within the confictionary. Doc string.
The docstring is the fast of String to bython

It is used to comment the multiple live - the clouble quotes are use three home to create the docstring - Ex - Print ("Hello") "Hello is emotable" - The donstring is say more about the code without execution >- 11 floor operator is used - Basically the operators are is used to perform operations between operand. - The floor division operator is use to get the Clear answer. 0 = 10 13 using the division operator we got the answer s.333 c1 = 10113using the floor diusion we got the answer





while loop while loop while loop block is unite and ab the condition is write ab the end it is is write iterate the loop. for loop is used to iterate the loop. for loop 2 for loop is used to initial condition and steps at the top. 13) Ex - for i in rande (0'9): Ex - while (1° > = 2): bout (i) 130 -> - break statement is used to break the execution of code and it terminates the code ex for in range (0,6): ( ) break 14 continue statement is used to the escape the particular number and then continue the following code.

