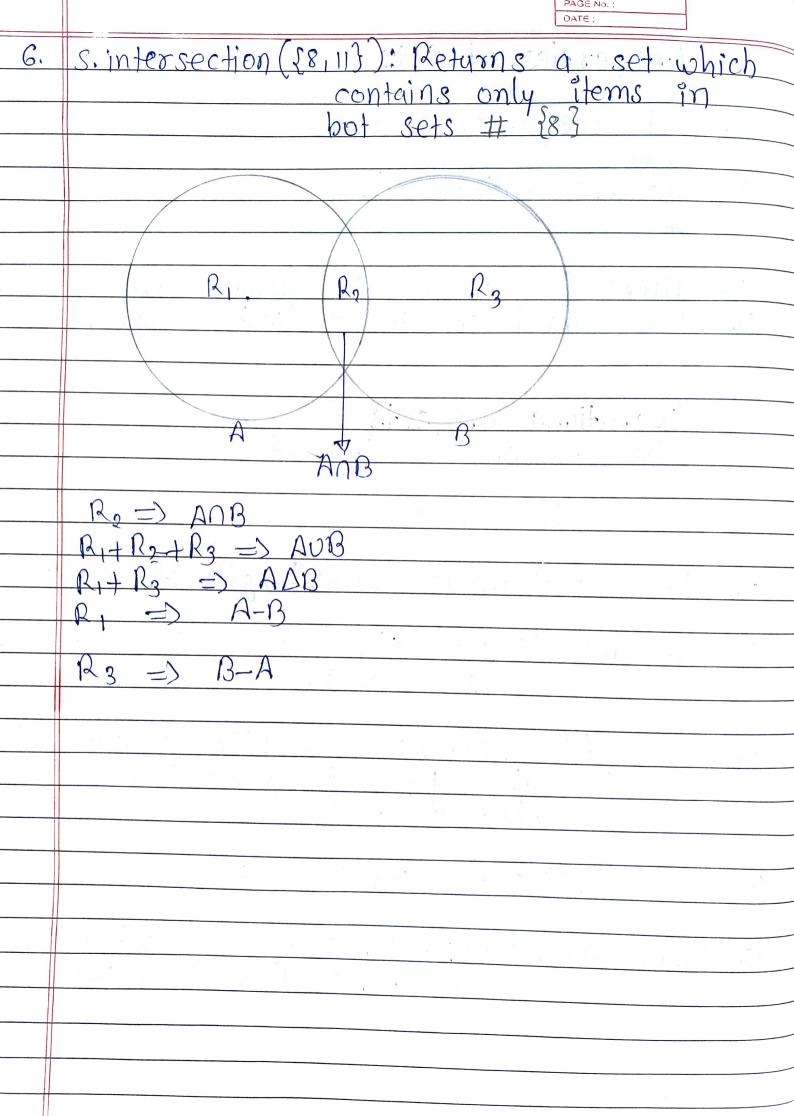
	Chanter-5
	Chapter-5 Dictionary and Sets
,	Dictionary is a collection of key-value pairs.
	Syntax:
	q = { "Key": "Value",  "Abhi": "Coder",  "marks": "100",  "list": [2,1,9]}  q [ "Key"] => Prints "Value"  q [ "Ist"] => Prints [2,1,9]
1. 2. 3. 4.	Properties of a Python Dictionaries  It is unordered.  It is mutable.  It is indexed  Cannot Contain duplicate keys
	Dictionary Methodes consider the following dictionary:
	q = { "name" : "Abhinay",  "from" : "India",  "marks" : [92, 98, 96] }
1.	q. items(): returns a list of (key, value) tuples,

0	
2.	q.keys(): returns q list containing
	q.keys(): returns q list containing dictionary's keys.
0	
3,	9. update (& "friend": "som"3): updates the dictionary with supplied key value pairs.
	dictionary with sundia
	1/24 Value Dairs
9.	q.get ("name"): returns the value of the  specified keys (and value  is returned e.g.  "Abhinay" is returned here)
,	enecified land when
	Specified Rego Land Value
	1011
	Honingy" is returned here)
Note	Marco and III
CTOIC	More methods are available on docs. python
	.079
	sets in Python.
	Sets in Python  Set is a collection of non repetitive elements
	elements
	S = Set () # no repetition allowed!
	sadd (1)
	S. add (2) # or set = \$1,23
	00 361 - [112]
	If you are a consistent incommentally
	Without much lengthamming beginner
	operations on sets, you can simply look of sets in python as data types
	at sets in python as date tunes
	Containing unique values.

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	DATE:
	Properties of Sets
1.	Set are unordered. # element order doesn't
2.	Set are unindexed. # cannot acces elements by index.
3.	There is no way to change items in sets. Sets cannot contain duplicate values.
	Operations on sets consider the following set:
	8= {1,8,2,33
1.	len(s) = Returns 4, the length of the set.
2.	S. remove(8): updates the set s and removes 8 from s.
3,	s.pop(): Returns an arbitrary element from the set and returns the element removed.
۲.	s. clear(): Empties the set s.
5,	s. union ( $\{8,113\}$ ): Returns a New set with all items from both sets $\{1,8,2,3,113\}$



Chapter-5 Practice Set 6.1 Write a program to create a dictionary of Hind words with values a their english translation Provide user with an option to look it up! 6.2 Write a program to input eight numbers from the user and display all the unique numbers (once). Can we have a set with 18(int) and "18"(str) Ø. 3 as a values in it? Q.4. What will be the length of following sets: s = set()s.add (20) s. add (20.0)
s. add ("20") => length of 8 ofter these operations S=93 What is the type of 8? 6.5, enter their favourite language as value and use keys as their names. Assume that the names are unique. (0.7. If name of two friends are same, what will to the program in Problem 6

	DATE:
<u>6.8</u>	If languages of two friends are same, who will happen to the program in Problem 6.
<u>Q.9</u>	Can you change the values inside a list which is contained in set s
	8 = {8,7,12, "Abhi", [1,2]3
4 - 2	
N 1	