JUPLES AND DICTIONARIES
Accessing Items in a Dictionary
>>> dict3 = { 'Mohan': 95, 'Ram': 89, 'Suhel': 92, 'Sangeeta': 85 }
>>> dict3 ['Ram']
Dictionaries are Mutable
1) Adding a new ikm
>>> dict1 = { 'Mohan': 95, 'Ram': 90, 'Advaid': 100}
>> > aicx1 [ Ashwani   = 99
>>> akt1
Modifying an Existing I tem
>dict1 = { Mohar: 95, Ram : 99, Advait : 100}
>>> did [ Advid ] = 100.5
Traversing an Dichonory
We can access each item of the
dictionary or hover a dictionary
dictionary or traverse a dictionary using for state (Mohan': 95, Ran': 99, M-1 >>7 for key in dict 1:  print (key  : 1, dictifies
MI-I >>7 for key in air - dichilis

Stack LIFO Last In First Out Applications of Stack
While browsing the Web we right many webpages and when we go to the previous page while browsing history stored in page while browsing history stored in as stack. OPERATIONS ON STACK PUSH and POP Operations TOP of the stack.

It is an insertion operation 7 POP operation is used to remove the top most claunt of the stark The simple way to implement a stack in Python is Using the data type list

· Let us create an empty stack named glasstack

glassStack = list() def is Empty (glass Stack):
return Toue reham False A function named onPush to insert (PUSH) This function has to two parameters the name of the stack in the element is to be inserted that needs to be inserted. def onPush (glassStack, element): glassStack. append ( element) The built-in-function method append () of list to add an element to the stack that always adds at the end of The function named size to read the number of elements in the glassstack.

We will use the len() function of list in Python to find the no. of in the glass back