Accessing (homekes in 9 & Storng) # intrabolis a string string str 1 - 1 4110 World !! # gives the first charater set front >>> str1[1] | # gives error as index must be an integer Python allows on index value to be - ve also >>> 5+x1[-1] | str1[-12] Positive Indices 0 1 2 3 + 5 6 Hello world Sorin 9 Negative indice -12 -11 -10 -9 -8 -7 -6 -5 -+ An inbuilt function len() in Python reduns
the length of the string that is passed as parametr: Hello World >> > len (5+x1)

>> n = Ven (sto1) zyzprint (n) String is Immutable : It means that contain cannot is changed often it has be created. String Operations O Concatenation :- To concatenate means to join. Python allows us to join two strings concertnation operator plus (+) 777501 = Hello' 777502 = World! 7775tr1+5tr2 Hello Woold! 2 Repolition # assign stoing Hello to str1 7775 br 1 = 1 Hello 7775t81 * 2 Output: 'HelloHello' 3 Membership Python has two member operators 77 Stol= "Hello Woold!" >> 'N' in stri >> 'My' in sort False Trup >>> 'Wor' in stra Trup

1975tas = Hello World! 777 'My' not in stal >>> Hello not in stal Slicing In Python, to access some part of a storing of substring, we use a method a called slicing. This can be done by specifying an index range. Given a string story the slice operation store [n:m] returns the part of the string store starting from index n (inclusive) and ending qt m (exclusing In other words we can say that stri[n:m] returns all the charactery starting
from stri[n] till stoll[m-1] >>> str1 = Hello World! >>> str [1:57 >>> str1 [7:10] >>> stal [3:20] # index that is too big is too World! # the end of the string If the first index is not mendioned, the slice start from Ind PX.