

Strings In Depth

- Strings in limitations and viewing characters

String Limitation

- Strings have no size
- You can think of them as a series of characters
- The position of a character within a string is known as an index
 - o 'Hello' H-e-l-l-o
 - o Index 0-1-2-3-4

Viewing Characters

- To View Characters at a particular index we use bracket notation ([])
- Inside of that bracket notation we place the index of the string we'd like to see
 - 'Hello' H-e-l-l-o
 - Index 0-1-2-3-4
 - S = 'Hello'
 - print(s[0]) # 'h'

Slicing strings

- To look at one character of a string we simply provide the index we would like to see
- To look at multiple characters we can use the following syntax [start:end]
- The starting index is inclusive while the end index is exclusive

'Hello' H-E-L-L-O
Index 0-1-2-3-4
S = 'Hello'

- Print (s[0:2]) # 'HE' – Start from 0 stop before 2
- Print (s[1:]) # 'ello' – start from 1, go to end
- Print (s[1:-1]) # 'ELL' – Start from 1 stop 1 behind end

Len Function

- Len is used on any inerrable type to determinate the length
S = 'Hello'
Length_s = len(s)
Print(length_s) #5