9)

- 8) Ronge.

entronay alth Parts values for A', B' 9) 48t. 4 append function. 10) Tuple. J - remove function.

(0'). As a result, the Engledoraly Sectiones

## 8] [range datatype]

create & monipulate a range of numbers?

# Define ronge from 1 to 5 my-range = range (1,6)

H pointing the elements in the range for num in my-range: point (num)

[Exp) 'range (1,6)' creates a range that includes no's from 1 up to cout not including) 6. The loop then iterates through each no in the ronge and points it.

Note :-

ce range" function creates numbers one after the other us they're needed, which helps fave computer mornory when working with big sets of numbers.

## of [List datatype]

ec list is a data structure that can hold a collection of items. Each items can be any data type, and they have a Specific position within the list.

Note custs use mutable "

# Use of roll-no. Roll-no = [ 100, 200, 30, 50]

# Ceeeding List of Strongs fauits = [ "apple", "bonona", "strawberry"]

# mixed - type USt.

mixed - List = [" Hello", 3.10, 500], True]

# Accessing elements in a list using index

fourt of First-Pruit = Pruits [0] Second-number = Hom ROII-no [1] # modifying elements in a UST
fruits[1] = "mrange"

# Adding elements to the end of a list numbers append (6)

# Removing elements from alist
mixed-list-remove (" Hello")

# checking if an element is in a list

if "apple" in fauits:

point (" Apple is in the List!")

# length of Ust.

Ust -length = leng. (numbers)

A Append function = used to add.

\*\*Demove function = used to remove.

·10] [tuple datatype

"data structure that can hold a collection of elements of different types. Unlike Usts, tuples are immutable , n

A used to group related data together,

presson = ("John", 30, " New York")

person => Tuple. contains 3 elements, string John"

Integer (30), another string "New YORK".

elements oedered can be accessed using indexing like person[0] to get john.

person[1] to get 30.