Gooditional Statements: if, elso, elsf, nested s bops on lython; for, while, nested large I loop control statements breek, continue, pars [Day 2] # Lests I allow us to store multiple items in a stryle residble - crested by placing elements inside square brackets []. " (an store data of outly data types in a list > Charcodenistics are: Ordered (allow mondain oreder of elm) Hutable (items can be chosed offer county) Allow deplicates (thou contain dup. rolus) # Topicy & Accessing element: list [index] & Negative index: 11st [-1] (tremla por) 4 Strong list : list [index 1] (belowled) [Note]: If you can't the that index the slicing starts from the first element, similarly of you and the bost index, the Many ends at the bust element. I list append () - adds on item to the end of the list ist insert () - adds lineats item at specified index - sepresso of source effect prosons of gran index 1907. clear () - remove all thems from 1st list soot () Sods list MSA - COPJ. () rehim shallow copy of the 18st

I List complehension [expression for item in last if condition == low] It offers a concise way to create a new list based on the values of an exacting list. Sa run in number : strate wrw. opposed (when & when) Init (square run) first combieneriai: 3 drace in = [white when for inn in inaport] betty (2 smore erra) Conditionals in 11st contravaion; from ser nom in scale (1110) A mu 1. 5 == 0] # Tuple - created using () tuple () constructes -) Charadorithics are: Ordered - (maintain order of elements) Immutable - (can't be changed aftercration) Allon duplicates - (con contain duplicate values) > Accessing by index typle[index] I can iterate one items of type using for bop -) Check of an item exacts in tuple: pant ('item' in tuple) We cen't delate an individual Henre in tude but Tuple isself (dul tuple)