LAB 4 Topics. while loops, for loops, break, continue stants While loop-executes code indefinitely until condition is talse hep. as follows. While condition. Example! Runs forever, why? while True: <print ("stuck here") Def. Iterable - anything that can be looped over EX: [1,2,3], (4,5,6), "hello" (angel)-generates a list of numbers large (start, Stop, Step) Start Stop Diff between each # (ange (0,3,1) -> [0,1,2]

object lend) - returns length (Hotitus) in len ("Hello") -> 0 For loops Le ways to write a for loop in Python (2) The C way

for i in trange (len(iterable)).

Code

Code Use/learn the Python's way unless you need the index

Ex: -5-4-32-1

The 110

S= 01234 => HELLO o for char in S. print (char) (2) for char in rarge (len(s)):

print(S[char]) HELLO

Break statement-inneciately exits loop currently inside of In Python det as break While True. Jimmediately exter break Continue - immediately stats next iteration of loop. In tythou rep. as countinue. Lists - a Python detastructure. Similar to arrays in other largs.
Comma Seperated of Can be nested. Passed by reterence X=[1,2,3]72 [1, apple 110, (1,2)] Zz [[1,2]] -> 20 List Various method/function colls for 1.845
append(...)
extend(...) · insert()