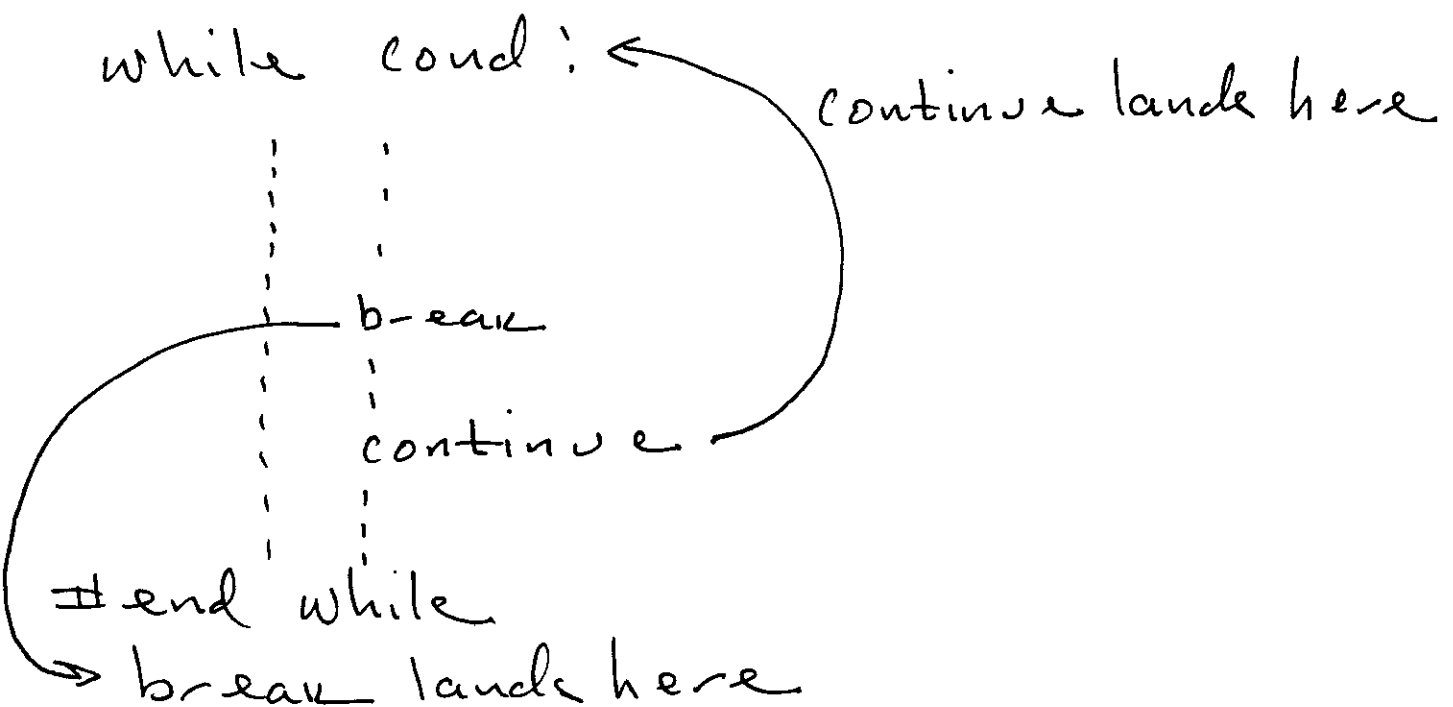


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1

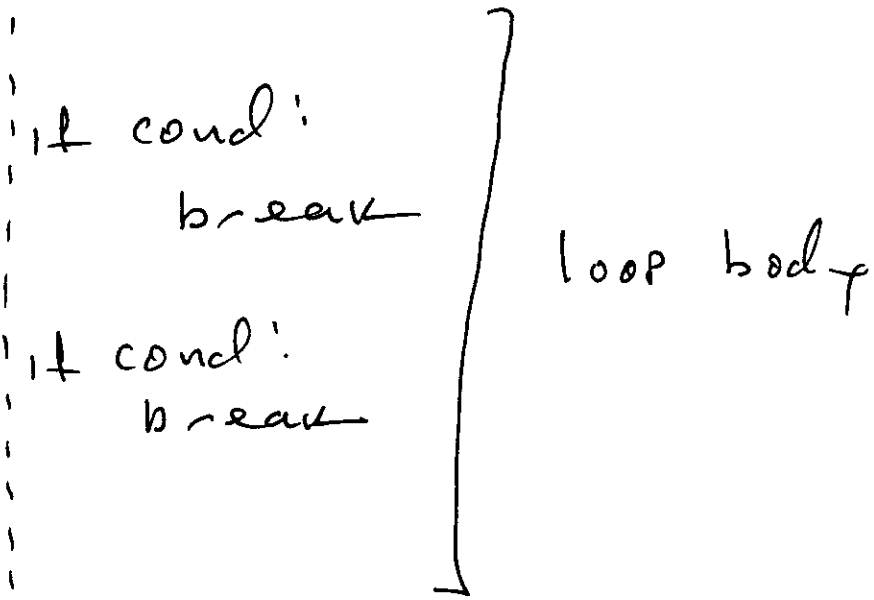
Pa5: ext. 2 days

break & continue in a while loop

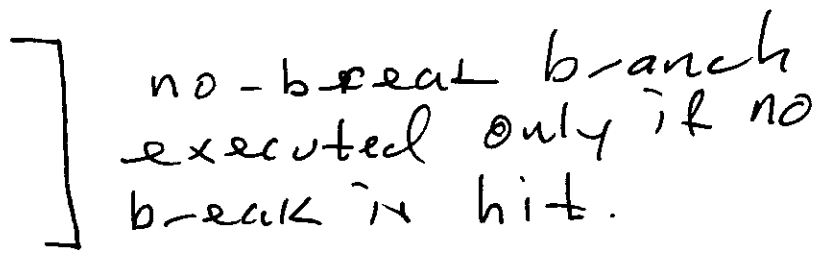


for loop with else clause

for x in list:



else:



end for-else

Ex. Continue Py

Ex. TestPrime1.py
TestPrime2.py

Ex LinearSearch.py

Exercise

re-write LinearSearch so that
the fn LinSearch() returns
a list of all indices at which
the target is found.

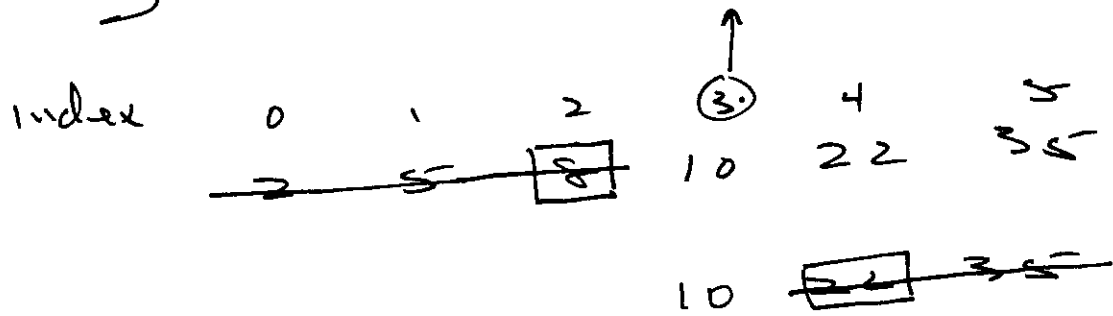
Binary Search:

requires list L to be sorted.

EX.

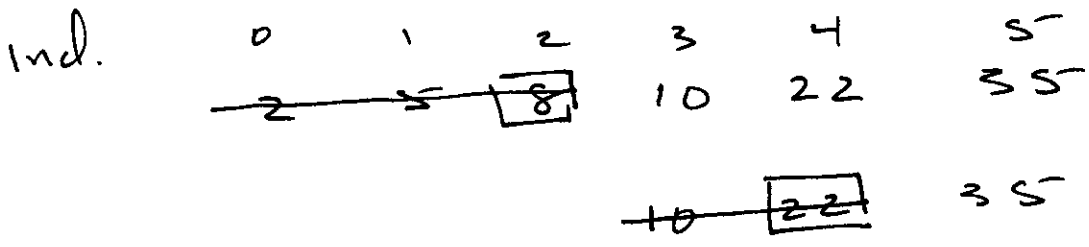
Search [2, 5, 8, 10, 22, 35] for

Target 10



10 return 3

EX Same list target 23



35

empty search space
return None.

Pass stuff:

5

$L = [F, F]$

loop $n-1$ times

$L.append(T)$

when done

$L = \begin{array}{|c|c|c|c|c|c|c|} \hline 0 & 1 & 2 & 3 & 4 & 5 & \dots \\ \hline F & F & T & T & F & T & \dots \\ \hline \end{array}$

$\bar{F}$

Print 10 Primes to a line

loop on Prime list

if index divisible by 10

Print newline

$\text{Print}(\text{Prime_num}, \text{end}='')$