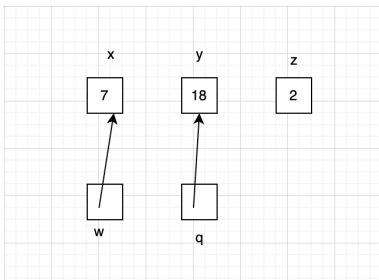


Week x hand-in

Exercise (1):

Answer: $x = 7$, $y = 18$, $z = 2$

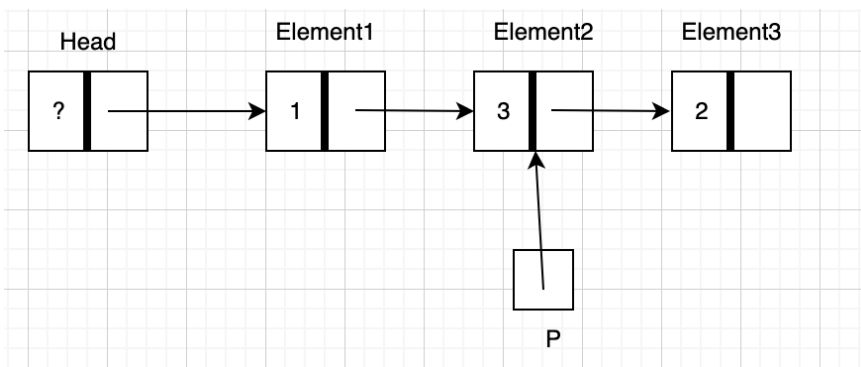
The explanation can be seen in the diagram below:



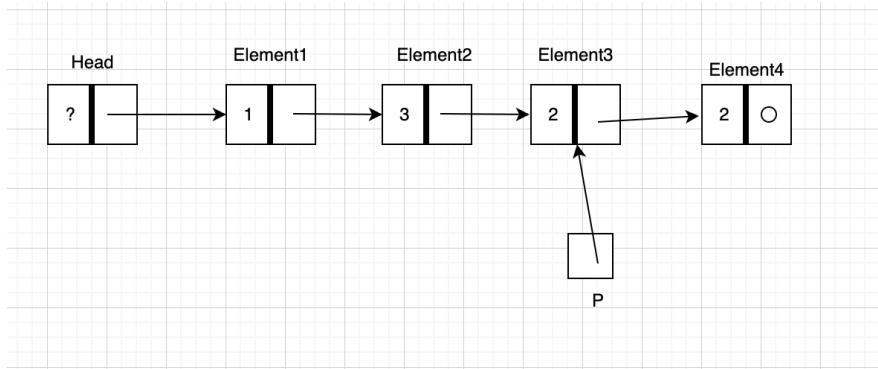
Exercise (3):

a)

list at first "show list here":



List at second "show list here":



c)

The problem with the printout function is that the function will keep printing the same data as the pointer *p* is never changed. To fix the problem we make the pointer *p* point to the next element in the list until the condition is met.