Q11. Using Paper and Pen, write the Internal Mechanism for sum operation using reduced function on this given list : [47, 11, 42, 13];

(Attach Paper Image for this answer) in Collab notebook

A11. Explanatation

The reduce () function from functools works as follows:-

from functools import reduce

reduce (lamba x, y : x+y, [47, 11, 42, 13])

Step	operation	Result
1	47+11	58
2	58+42	100
3	100+13	113

So, Internally, reduce () works like

(((47+11) + 42) + 13)