

* Internal Mechanism for sum operation using reduce function on the given list:

List = [47, 11, 42, 13]

→ Sum-function = reduce (lambda x, y: x+y, list)

The reduce function starts from first^{two} values in the list and will perform sum operation. i.e. $47+11$ which comes out to 58; Now this 58 will become x to 42 will become y & again will perform sum operation; $58+42=100$; Now 100 will become x to 13 will become y; again sum operation will be applied on 100 & 13; $100+13=113$. In this way the list will be reduced to 113 using reduced function.

