|  |
| --- |
| Reduce function accepts two arguments, the function to perform the execution and the data to iterate over.  Unlike filter and map, reduce iterates two items/elements at a time instead of one.  The result of reduce is to always return a single result.  Syntax: reduce(fun, sequence) |

|  |
| --- |
| #reduce(fun, sequence)  from functools import reduce  lst = [3,6,9,11]  result = reduce(lambda x, y: x+y, lst)  print(result)  #3+6 =9  #9+9 = 18  #18+11 = 29  Output  29 |