

## Function Assignment.

Date.....

11) Using Reduce() Sum Operation.

Given list:

[47, 11, 42, 13]

Function:

$\lambda u, y: u+y$

Internal Mechanism.

1. Initial Step

Take the first two steps

$$47 + 11 = 58$$

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2. Next Step

Take the result 58 & add the next element

$$58 + 42 = 100$$

3. Final Step

Take the result element 100 & add the last element.

$$100 + 13 = 113$$

Date.....

Final Result

numbers = [47, 11, 42, 13]

total = reduce (lambda u, y: u+y, numbers)  
print (total)

Output : 113



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