



# Proyecto 01

## Investigación de Operaciones

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Value	Size
9	5
3	4
9	1
16	2
4	5
16	4



The Size of the bag is: 15

item: 3 was added to the bag: Size: 2 Space left in bag: 13

item: 5 was added to the bag: Size: 4 Space left in bag: 9

item: 0 was added to the bag: Size: 5 Space left in bag: 4

item: 2 was added to the bag: Size: 1 Space left in bag: 3

Total Bag value is: 50



The Size of the bag is: 15

item: 2 was added to the bag: Size: 1 Space left in bag: 14

item: 3 was added to the bag: Size: 2 Space left in bag: 12

item: 5 was added to the bag: Size: 4 Space left in bag: 8

item: 0 was added to the bag: Size: 5 Space left in bag: 3

Total Bag value is: 50



0	0	0	0	0	0
0	0	9	9	9	9
0	0	9	16	16	16
0	0	9	25	25	25
0	3	9	25	25	25
9	9	12	25	25	25
9	9	18	25	25	32
9	9	18	28	28	41
9	9	18	34	34	41
9	12	18	34	34	41
9	12	21	34	34	41
9	12	21	34	34	44
9	12	21	37	37	50
9	12	21	37	38	50
9	12	21	37	38	50
9	12	21	37	38	50



Greedy Execution time was: 0.000018 miliseconds  
Proporcional Greedy Execution time was: 0.000023 miliseconds  
Dynamic Execution time was: 0.000317 miliseconds