



Proyecto 01

Investigación de Operaciones

Luis Diego Vargas Arroyo- Carlos Villalobos Mora

March 18, 2018



Value	Size
8	7
17	5
4	1
10	5
18	3
20	1



The Size of the bag is: 15

item: 5 was added to the bag: Size: 1 Space left in bag: 14

item: 4 was added to the bag: Size: 3 Space left in bag: 11

item: 1 was added to the bag: Size: 5 Space left in bag: 6

item: 3 was added to the bag: Size: 5 Space left in bag: 1

item: 2 was added to the bag: Size: 1 Space left in bag: 0

Total Bag value is: 69



The Size of the bag is: 15

item: 5 was added to the bag: Size: 1 Space left in bag: 14

item: 4 was added to the bag: Size: 3 Space left in bag: 11

item: 2 was added to the bag: Size: 1 Space left in bag: 10

item: 1 was added to the bag: Size: 5 Space left in bag: 5

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

Total Bag value is: 69



0	0	0	0	0	0
0	0	4	4	4	20
0	0	4	4	4	24
0	0	4	4	18	24
0	0	4	4	22	38
0	17	17	17	22	42
0	17	21	21	22	42
8	17	21	21	22	42
8	17	21	21	35	42
8	17	21	21	39	55
8	17	21	27	39	59
8	17	21	31	39	59
8	25	25	31	39	59
8	25	29	31	45	59
8	25	29	31	49	65
8	25	29	31	49	69



Greedy Execution time was: 0.000013 miliseconds
Proporcional Greedy Execution time was: 0.000012 miliseconds
Dynamic Execution time was: 0.000135 miliseconds