$ ./KAP 180 17

Knapsack size: 180

Added object size: 177

CBDFBGAFF

A : 1, 1
B : 2, 2
C : 4, 1
D: 8, 1
F: 32, 3
G: 64, 1

$ ./KAP 113 200

Knapsack size: 113

Added object size: 98

GDBBEBC

B : 2, 3
C : 4, 1
D : 8, 1
E: 16, 1
G: 64, 1