



C:\Users\student\Desktop\Cfi X



Enter weights of 4 objects:

2 1 3 2

Enter profits of 4 objects:

12 10 20 15

Enter capacity of the knapsack:

5

Maximum profit achievable: 37

Weights included in the knapsack:

Object 1: Weight 2

Object 2: Weight 1

Object 3: Weight 3

Object 4: Weight 2

Process returned 0 (0x0) execution time : 154.418 s

Press any key to continue.

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Enter number of vertices in the graph: 5

Enter the cost adjacency matrix:

0 5 15 20 9999999

5 0 25 999999 999999

15 25 0 30 37

20 9999999 30 0 35

9999999 9999999 37 35 0

Spanning tree exists and MST is:

(1, 0)

(2, 0)

(3, 0)

(4, 3)

The cost of the spanning tree (MST) is: 75

Process returned 0 (0x0) execution time : 66.098 s

Press any key to continue.

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