

FLYODS:-

✕ Output

enter the no. of vertices: >>>4

enter the cost matrix:

```
>>>9999 9999 3 9999
... 2 9999 9999 9999
... 9999 7 9999 1
... 6 9999 9999 9999
...
```

all pair shortest path matrix is:

10	10	3	4
2	12	5	6
7	7	10	1
6	16	9	10

Process Finished with exit code 2.

```
>>>
```

WARSHALL:-

✕ Output

enter the number of vertices

>>>4

enter the adjacency matrix

>>>9999 9999 3 9999

... 2 9999 9999 9999

... 9999 7 9999 1

... 6 9999 9999 9999

...

transitive closure

9999 9999 3 9999

2 9999 9999 9999

9999 7 9999 1

6 9999 9999 9999

Process Finished with exit code 10.

>>>

KNAPSACK PROMBLEM:-

✕ Output

enter the no. of items: >>>4

enter the weight of the each item:

>>>2 1 3 2

enter the profit of each item:

>>>12 10 20 15

...

enter the knapsack's capacity: >>>5

the output is:

0	0	0	0	0	0
0	0	12	12	12	12
0	10	12	22	22	22
0	10	12	22	30	32
0	10	15	25	30	37

the optimal solution is 37

the solution vector is:

1 1 0 1

Process Finished.

>>>