```
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
```

```
Enter the Text
Rama killed Ravana
Enter the Pattern
Ravana
The position of the pattern is 13
```

```
Enter the value of n & k such that n > k
3 2
C(3,2) = 3
```

```
Enter the no. of items: 4
Enter the knapsack's capacity:   5
Enter the weight and profit of each item:
2 12
1 10
3 20
2 15

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
```