Inget Common Subsequence

String 1 bd

String 2 a b c d

String 3 a b c d

I task

I ength 
$$\rightarrow$$
 3 (bd)

Tabulation

$$i=0 \text{ or } J=0$$

$$\Rightarrow \text{ table}=0$$

$$i=1 \text{ or } J=1$$

$$X(i-1)==Y(J-1)$$

0 0 0

Poly nomial

```
P= 21,2,5,67
                 Recursive
                              Wt = d2,3,4,54
Knapsack (m, Wt, P, m):
                               m=8 capacity
      if wt [n-1] > m:
           * Skip that object n = 4
        Return Knapsack (m, Dt, P, m-1)
                    -> Recursion
      else!
          * Skip that Object
          * include that object
                             Skip element
       return max (Knapsack (m, Dt, P, m-1),
                     P(n-1)+ Knapsack (m-wt(n-1),
       Rocursion
                               (\omega t_{j} P_{j} m_{-1})
                             including the
```

