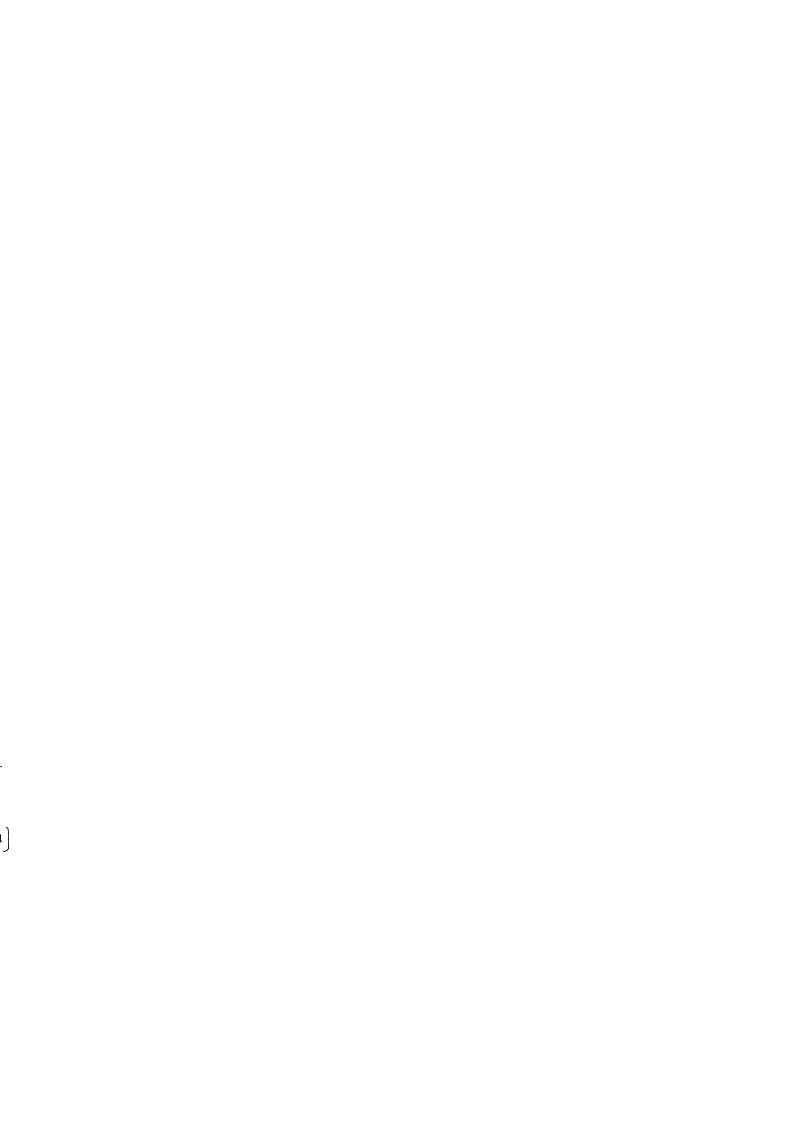
```
FIDP: - Tabulation
               V= 8
            4. [0, 1, 1, 2, 3, 5, 8, 13, 71]
            Climbing Stairs:
                                        int rec(n) {
                                        y (NLO) netwn D;
                                        y (n==0) Net um 1
                                           int of Step = rec(n-1);
                                           in + Steps = rec(n-2)
                                          return jsteps + tsteps;
                                            cs of (n, dp) of
                                          y( n == 0) return 1
                                          y(n60) return D
                                          y capin] = - 1) return dp [n]:
                                   Netur dpin = CSDP(n-1, dp) + CSDP(n-2, dp);
                   Tabulation metrod of Climbing Stairs
                                           Jon (i= 1 to n) &
                                           dp [i] = dp [i-1]
                                            y(1-2 20){
                                            dp[i]+=dp[i-2];
                 D-I Knapsack:
                  V= [1,2,3]
                 W= [4,5,1]
                 V= [10,20,15,6030] size=14
                 \frac{1}{2} = [2, 5, 3, 8, 6]
                                                                     KS (s, i) {
                                                                    ig(s==011 i ≥ length)
ret wn Di
  [10,20,15,6030]
   [2,53,8,6]
                                                                     selet = KS (S-W[i], iti) + V[i]
                                                                  not Select ex = KS(S, i+1);
                                                                  Net um Max (Selest, notreles
dp[][]=[n+1][size+1]
                197 Six. FX = VN= LOT 25
```



 $\frac{\sum_{10,20,15}}{2,\frac{5}{2}} = \frac{15}{3} = \frac{$