**Analysis for Problem D - Bricks on the Wall**  
This is a classical Dynamic Programming (DP) problem and is considered as a straight forward Dynamic programming problem.  
  
Once you know it is DP, then the next thing is to come up with the DP equation. You need to calculate the total thickness first, and the solution a top-down approach.  
  
        dp[j] = max(dp[j],dp[j-t[i]-w[i]]+t[i]);