***Dynamic Programming Principle***

***Background:***

Although we had focused on solving two problems by using Dynamic Programming, but we still can not figure out when to use Dynamic Programming.

This Chapter would discuss two basic Elements when using Dynamic Programming to solve the Best Optimization Problem: *Best Sub - Structure* and *Overlapping Sub - Question*. *Also we will continue to discuss the Memo Method, and go deeper into How to use the overlapping feature best with the help of Memo Method.*

***Best Sub - Structure:***

The first step of solving the Best Optimization Problem by using Dynamic Programming it to describe the solution with Best Solution.

***Tricky Points:***

***Overlapping Sub - Question:***

***Re - Construction of Best Solution:***

***Memo:***