二、
2.1 (15%) 請列表比較虛擬記憶體(Virtual memory)和快取記憶體(Cache memory)
在使用目的和運作原理上的異同，
2.2 (5%) 何種情況下需要調整虛擬記憶體的大小？
2.3 (5%) 請以 Unix 或 Microsoft Windows 作業系統為例，具體說明如何調整虛擬
記憶體的大小。

三、(15%) Suppose the following characters I, C, D, M, P, S, A, B, G, U, W, N, K, V
are inserted into an empty binary search tree one by one. Let the resulting tree
be called T.
   a. Please show tree T.
   b. Suppose we delete the root from tree T, and let the resulting tree be called
      T'. Please show tree T'.
   c. Please show the post-order traversal sequence of T'.

四、(10%) Please give an example with 8 data to explain how the worst case happens
for the quick sort. Further, please show the worst case time complexity of quick
sort for n data.