Exercise 9.0
Continue your solutions of exercise 8.

Exercise 9.1
Optimize your solution of exercise 4.1 using a cut and additional tricks. Use the trace command to
count the numbers of Calls and Redos before and after optimization. As running examples use
a) 
\textit{sum\_sublist}([2, 1, 3, 4], 5, L).

b) 
\textit{sum\_sublist}([2, 3, 4, 1, 5], 6, L).

c) 
\textit{sum\_sublist}([1, 1, 2, 3, 4, 1, 5], 8, L).

Exercise 9.2
Write a predicate \textit{powerset}(L, PS) which for a given list \(L\) of elements outputs a list \(PS\) of the subsets
of \(L\) (the powerset).

\textbf{e.g.:} \textit{powerset}([a, b, c], PS) gives \(PS = [[a, b, c], [b, c], [a, c], [c], [a, b], [b], [a], []]\)