

1. Work in groups of 2–4 people. List the members of your group below. Underline your name.
2. Depict tables similar to those in Figure 14.5 (page 380) of the textbook for MATRIX-CHAIN-ORDER (page 378) on the following input:

matrix:	A_1	A_2	A_3	A_4	A_5
dimension:	100×30	30×100	100×30	30×70	70×10

3. Trace the action of the textbook's PRINT-OPTIMAL-PARENS (page 381) on the instance of Question 2. Depict the tree of recursive calls and their arguments. Write down the final parenthesization in the conventional format.