Algorithms

Lab 8 (8%)

Topics: Dynamic Programming
Textbook: Cormen Introduction to Algorithms 3rd ed.

Problem 01 (1%)
MCCME 203

1.   Simple recursive solution
2.   Top-down solution
3.   Bottom-up solution

Problem 02 (1%)
MCCME 2965

1.   Simple recursive solution
2.   Top-down solution
3.   Bottom-up solution

Problem 03 (2%)
MCCME 2966

Bottom-up solution

Problem 04 (2%)
MCCME 1792 (LIS)

Bottom-up solution

Problem 05 (2%)
MCCME 1790 (LCS)
Cormen. 15.4

Bottom-up solution