#### Homework 2. DP

Due: Thursday, September 19, 2019 before 3pm EDT.

### Problem 1 Longest Common Substring

(a) Define the entries of your table in words. E.g., T(i) or T(i,j) is ....

# Problem 2 Longest Common Sub\*!?\*

(a) Define the entries of your table in words. E.g., T(i) or T(i,j) is ....

# Problem 3 Making change k

(a) Define the entries of your table in words. E.g., T(i) or T(i,j) is ....

# Problem 4 Maximum product

(a) Define the entries of your table in words. E.g., T(i) or T(i,j) is ....