CSE 5314 Lab Assignment 2

Due April 29, 2004

Goal:

Understanding of the work function algorithm for the k-server problem.

Requirements:

1. Extend your dynamic programming solution to lab 1 to implement the work function algorithm.

2. Provide hardcopy listings of your source code, input files, and output.

3. Provide project files as a tar or zip (by email).

Getting Started:

1. You should work with the same group of students as lab 1.

2. For each request, you should provide the following output:

   a. The server that moves.
   b. The current server configuration.
   c. The value of the extended cost ("maximizer") and the corresponding configuration.

3. You should provide the OPT cost, online cost, and sum of extended costs.