

Homework Project 3

Given 11/07/2018, Due 12/01/2018

The aim of the project is to compute off-line the optimum strategy for a 3-server problem in the plane. Your program opens a window, and initially places the three servers in the top two corners, and in the middle of the bottom edge. Choose different colors for the servers. Then you receive a sequence of request points by left mouseclicks; you mark the request points by black dots on the screen. A right mouseclick indicates the end of the sequence of request points, now you compute the sequence of motions that serves all request points, in the sequence in which they were made, with minimal total travel length, by the dynamic programming scheme described in class.