

Yahia Sultan

CS1181

Project 3: Store Simulation

Based on the medium arrival file, the efficiency of the store was basically equivalent between non and 4 closed lanes, all of them ending at 758.85 to 759.16. Assuming a cost of operation of 1 unit when a lane is regular or express (and 0 for closed lanes), the fastest, while also being the cheapest would be 1 regular lane, 8 express lanes, and 3 closed lanes. However, adding 8 minutes to the total length of operation and closing off 2 more express lanes, it be the most efficient operation.