**Evaluation of the effectiveness of the vaccination center’s response**

* 1. **Introduction**

A Center coordinator intends to check his own center performance on a certain day based on the number of clients that arrive/leave the center in multiples time intervals choosen previosly by the center coordinator, in order to check the effectiveness in the respective time intervals it was implemented a brute-force-algorithm that examines all contiguous sublists and then determines the one that has the maximum sum which is the interval where de center was less responsive.

Procedure brute-force(numberUsersAtFacility [ ] : int)

if length(numberUsersAtFacility) = 0 then output (“No appointments for this day”)

maxSum := numberUsersAtFacility [ 0 ]

for i:=0 to length(numberUsersAtFacility)

currSum = 0

for j:=i to length(numberUsersAtFacility)

currSum += numberUsersAtFacility [ j ]

if currSum > maxSum

maxSum := currSum

maxI := i

maxJ := j