Assignment #2 - MPI & Computation Graphs

TASK #1

Why do we need to perform the ring twice?

What is the complexity of the function "My_Barrier"?

TASK #2

What completion time do you expect for the computation of the stream?

What is the value ρ (i.e., the traffic intensity) of the module M?

TASK #3

What completion time do you expect for the computation of the stream now?

TASK #4

What are the ideal performance of map and farm?