Laboratory work #4

Distributed mutual exclusion algorithm

Student: /\* use only Latin symbols \*/  
Student HDU ID:

Mail:

/\* mail, which was used to send source code to the bot \*/

Screenshot or copy with mail with “Passed”:

/\* screenshot with Passed result \*/

Control questions:

1. Ricart–Agrawala algorithm. Is your implementation satisfying properties of safety, liveness and fairness? Explain why.

Answer:

2. Why child process during phase 3 should continue to handle CS\_REQUEST messages? What will happened otherwise?

Answer:

3. Make an experiment. What will happened if execute program without key “m”? Add results of execution to the report and explain them.

Answer:

Source code: