Laboratory work #2

Distributed banking system

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. Transfer request. Is it synchronous or asynchronous in our model from point of client? Why?  
What is difference between synchronous and asynchronous operations?

Answer:

2. What will happened, if transfer operations isn’t instantaneous?  
Can we calculate total amount of money at each moment of time? Why?

Answer:

3. Make an experiment. You can find in header banking.h function get\_physical\_time\_skew(). Use it instead of get\_physical\_time(). This function provides non-synchronized clocks. Why result of execution is different?  
Answer should contain output table.

Answer:

Source code: