Inference

In the given project different types of message passing programs were analysed and a unified sequence diagram was made for these programs using the execution trace of the programs. The programs considered were for single client - single server programs and multiple client - multiple server programs. In both these programs the execution trace was split into different blocks and merged in the overall order in which the message passing took place and was then converted into a UML diagram using PlantUML. In multiple client –single server message passing programs the port number was used to identify the different clients and order them. After running the algorithm on the program a UML diagram which shows the overall execution of the client-server program is produced.