

In this lab I used Rabbit to do messaging task. I implement it using Remote procedure call pattern. When Client starts it creates an callback queue. Then Client sends a message with two properties: replyTo and correlationId. When a request appears, server find Prime number and sends a message with the result back to the Client, using the queue from the replyTo field. The client waits for data. When a message appears and if it matches the value of correlation id, everything is perfect. Interface of my programme is implemented using Swing.
Video: <http://youtu.be/BSMZ2qMENwg>