

Network Programming (CMPU3027)

Lab Sheet 5 - (2 Marks)

1. Write a TCP Client Server Application that will perform the below operation.

a) Client Send integer "1" to server and Server ask the client to send two number and perform Addition. Server also return the result to client. The client prints the output on screen.

b) Client Send integer "2" to server and Server ask the client to send one number and calculate the square root of that number. Server also return the result to client. The client prints the output on screen.

c) Client Send integer "3" to server and Server ask the client to send two number and calculate the power of that number. Server also return the result to client. The client prints the output on screen.

d) Client Send integer "0" to server and Server send "0" to client and shutdown. The Client also terminate after receiving "0".

Note: You have to submit the report through Brightspace in pdf or doc format which will contains the java source code and screenshot of program output.