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BT18CSE079

TDS Assignment-1

RPC

Code - https://github.com/harshaldeshpande01/BT18CSE079_TDS_Assignment-1

1. Client server chat

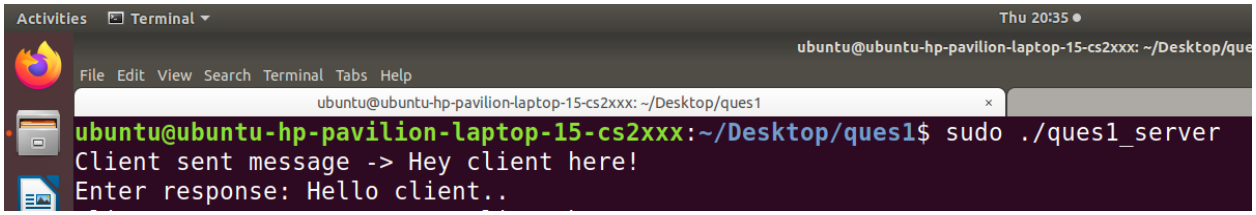
Execution steps

1. cd ques1
2. sudo ./ques1_server
3. sudo ./ques1_client localhost

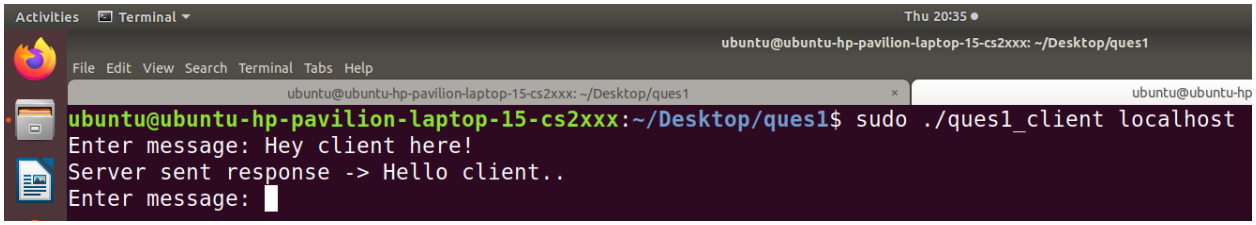
About the program

1. Implemented a server-client chat in rpc
2. Client canl send messages to the server through stdin until he/she enters “quit” or kills the program
3. Server will send response to the client

Output screenshots



Server side



Client side

2. Factorial using RPC

Execution steps

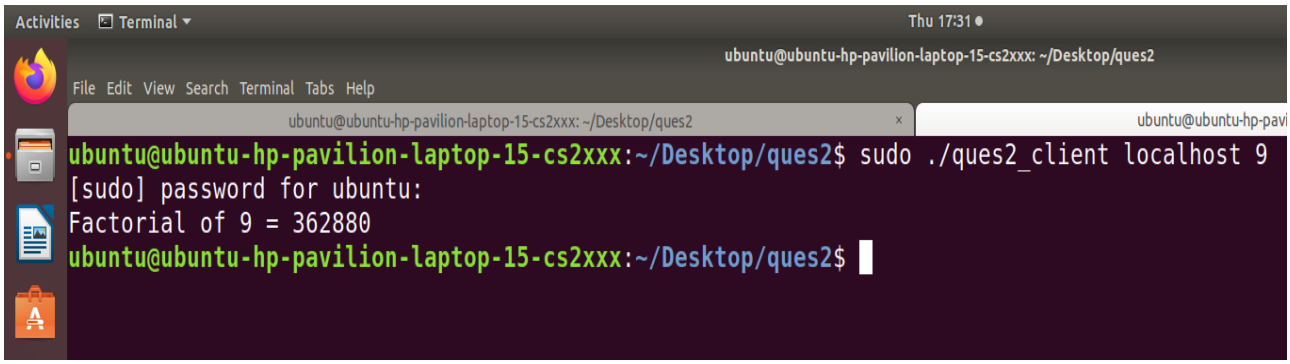
1. cd ques2
2. sudo ./ques2_server
3. sudo ./ques2_client localhost [NUMBER]

About the program

1. Client will send a number to server through command line while execution
2. Server will send factorial of that number as response to the client

Output screenshots

Server side



Client side

3. Date and time

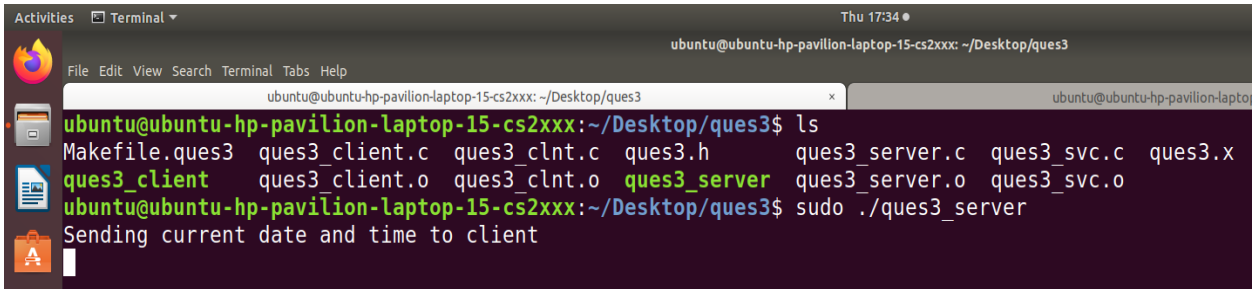
Execution steps

1. cd ques3
2. sudo ./ques3_server
3. sudo ./ques3_client localhost

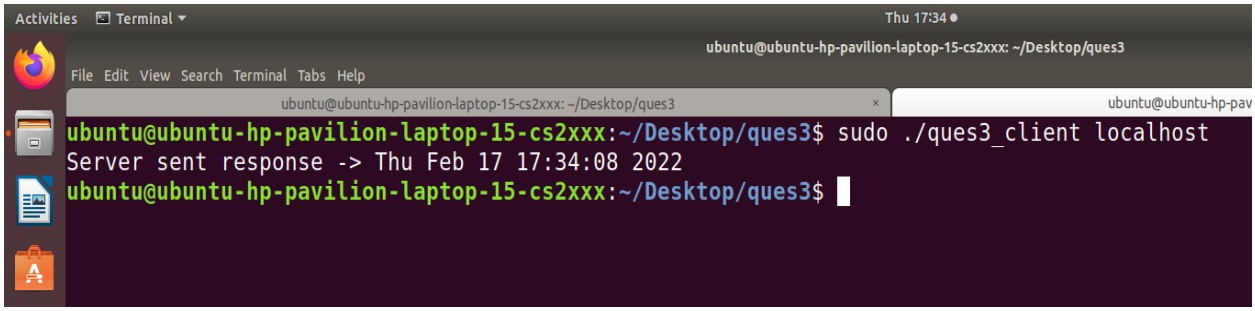
About the program

1. Client will connect to the server
2. Server will calculate the current date and time using <time.h> and send to the client in string form

Output screenshots



Server side



Client side