RSA ALGO IMPLEMENTATION IN C/S MODEL USING C LANGUAGE

The prime numbers used are 11 and 13.

HOW TO EXECUTE THE C CODE FILES:

1. Compile the server file first. Filename: serverrsa.c

Command: gcc serverrsa.c -Im

Run the server file giving a portnumber.

Command: ./a.out 5050

```
bharat@khandelwal-PC:~/Downloads/3-2/ComputerNetworks/lab$ ./a.out 5050
```

Compile the client file next. Filename: clientrsa.c

Command: gcc clientrsa.c -lm

4. Run the client file giving the same portnumber.

Command: ./a.out localhost 5050

```
bharat@khandelwal-PC:~/Downloads/3-2/ComputerNetworks/lab$ ./a.out localhost 5050 Please enter the message to be encrypted and sent:
```

Screenshots are given below for two inputs.

Input 1: hello

Input 2: abcdefghijklmnopqrstuvwxyz

PLEASE WAIT A FEW MOMENTS FOR THE OUTPUT TO BE DISPLAYED ON THE SCREEN.

1.

2.