```
[karthikeyan@lenovo client]$ ./a.out
Socket creation success
Connection success
Enter the data to be send: Hello World
Sending success
[karthikeyan@lenovo client]$ []
```

```
[karthikeyan@lenovo server]$ ./a.out
Socket Creation success
Binding success
Listening success
Accepting success
Receiving success
Message got from client is Hello World
[karthikeyan@lenovo server]$ []
```

```
[karthikeyan@lenovo client]$ ./a.out 3000
Socket creation success

Sending numbers to server
Enter the first number: 1

Sending first number success

Enter the second number: 2

Sending second number success

Receiving Sum success
Sum is 3[karthikeyan@lenovo client]$ []
```

```
[karthikeyan@lenovo server]$ ./a.out 3000

Socket creation success

Binding success
Waiting for datagrams

Receiving first number success

Received 1

Receiving second number success

Received 2
Sending sum success
```

```
[karthikeyan@lenovo client]$ ./a.out
Socket successfully created.
Connected to the server.
Enter source file name: hello.txt
Enter destination file name: new.txt

File copied successfully
[karthikeyan@lenovo client]$ ls
```

```
[karthikeyan@lenovo server]$ ./a.out
Socket successfully created.
Socket successfully binded.
Server listening...
Server accepted the client.
Received source file name from client: hello.txt
Received destination file name from client: new.txt
Files received successfully
```

```
[karthikeyan@lenovo dvr]$ ./a.out

Enter the number of nodes: 3
Enter the cost matrix:
0 2 5
2 0 1
5 1 0


For Router 1:
        Node 1 via 1 distance 0
        Node 2 via 2 distance 2
        Node 3 via 2 distance 3

For Router 2:
        Node 1 via 1 distance 2
        Node 2 via 2 distance 0
        Node 3 via 3 distance 1

For Router 3:
        Node 1 via 2 distance 3
        Node 2 via 2 distance 1
        Node 3 via 3 distance 0

[karthikeyan@lenovo dvr]$ []
```

```
Enter the bucket size, output rate and no. of inputs: 10 3 5
Enter the incoming packet size: 1
Bucket Buffer Size 1 out of 10
After outgoing -2 packets left out of bucket 10.
Remaining size of bucket: 12
Enter the incoming packet size: 12
Bucket Buffer Size 10 out of 10
After outgoing 7 packets left out of bucket 10.
Remaining size of bucket: 3
Enter the incoming packet size: 10
Dropped 7 packets out from incoming.
Bucket Buffer Size 10 out of 10
After outgoing 7 packets left out of bucket 10.
Remaining size of bucket: 3
Enter the incoming packet size: 10
Dropped 7 packets out from incoming.
Bucket Buffer Size 10 out of 10
After outgoing 7 packets left out of bucket 10.
Remaining size of bucket: 3
Enter the incoming packet size: 5
Dropped 2 packets out from incoming.
Bucket Buffer Size 10 out of 10
After outgoing 7 packets left out of bucket 10.
Remaining size of bucket: 3
[karthikeyan@lenovo network]$ []
```