

## Output of Server:

```
C:\Users\RK\Desktop\CN lab\Chat app\7. Final chat app. No two user should have same username>java Server
New client request received : Socket[addr=/127.0.0.1,port=50749,localport=1234]
Nickname rk is set
1 user online. Online User List - [rk]
New client request received : Socket[addr=/127.0.0.1,port=50750,localport=1234]
Nickname rohit is set
2 user online. Online User List - [rk,rohit]
Received Message: ?? ?u???«
Decrypted Message: hello@rohit
New client request received : Socket[addr=/127.0.0.1,port=50752,localport=1234]
Nickname rkundu is set
3 user online. Online User List - [rk,rohit,rkundu]
Received Message: ??«Y???; ?
Decrypted Message: hey eveyone
Received Message: ?t¥?««
Decrypted Message: hi@rkundu
Received Message: ?t?«««
Decrypted Message: hi@rkundu
Received Message: ???P?«?R«?¥V??««W???; o
Decrypted Message: what are you guyz doing?
Received Message: E?«?«E?XE???x«E?E??
Decrypted Message: nothing much@rkundu
Received Message: ???S???S?¥T?¥«E ???
Decrypted Message: just doing an assignment
Received Message: ?Y???X?R? e???
Decrypted Message: i have to go.bye
Received Message: ?-?s«?;ª
Decrypted Message: bye@rohit
Received Message: logout
rohit has logged out
2 user online. Online User List - [rk,rkundu]
Received Message: ???;U??«RE?-?#x???;ª
Decrypted Message: catch you later@rkundu
Received Message: ?-?s« ¥???
Decrypted Message: bye@rkundu
Received Message: logout
rk has logged out
1 user online. Online User List - [rkundu]
Received Message: logout
rkundu has logged out
Nobody is online.
```

## Output of Client1:

```
C:\Users\RK\Desktop\CN lab\Chat app\7. Final chat app. No two user should have same username>java Client
Please set your nick name to begin chatting
rk
hello@rohit
rkundu : hey eveyone
hi@rkundu
rkundu : what are you guyz doing?
nothing much@rkundu
rohit : just doing an assignment
rohit : i have to go.bye
bye@rohit
catch you later@rkundu
bye@rkundu
logout
logged out
```

## Output of Client2:

```
C:\Users\RK\Desktop\CN lab\Chat app\7. Final chat app. No two user should have same username>java Client
Please set your nick name to begin chatting
rohit
rk : hello
rkundu : hey eveyone
hi@rkundu
rkundu : what are you guyz doing?
just doing an assignment
i have to go.bye
rk : bye
logout
logged out
```

Output of Client3:

```
C:\Users\RK\Desktop\CN lab\Chat app\7. Final chat app. No two user should have same username>java Client
Please set your nick name to begin chatting
rkundu
hey eveyone
rk : hi
rohit : hi
what are you guyz doing?
rk : nothing much
rohit : just doing an assignment
rohit : i have to go.bye
rk : catch you later
rk : bye
logout
logged out
```