1. Subscriber has access to the network as subscriber has paid for the subscription.

```
vishakha@Vishakhas-MacBook-Pro PA2 % gcc -o client client.c
                                                                                                        [vishakha@Vishakhas-MacBook-Pro PA2 % ./server
vishakha@Vishakhas-MacBook-Pro PA2 % ./client
   ----- Start of a New Packet -----
                                                                                                        Server has been deployed and is running successfully
Packet ID : ffff
Client ID : ff
                                                                                                        Packet ID: ffff
Access Permission : fff8
                                                                                                        Client ID : ff
Segment no : 1
                                                                                                        Access Permission: fff8
Length of the Packet : 11
                                                                                                        Segment no : 1
                                                                                                        Length of the Packet: 11
Technology: 4
Subscriber no : 262616161
                                                                                                        Technology: 4
End of RequestPacket ID : ffff
                                                                                                        Subscriber no : 262616161
                                                                                                        End of RequestPacket ID : ffff
Status = Subscriber has given access to the network.
                                                                                                        Subscriber has paid for the subscription.
                                                                                                        Packet ID : ffff
Packet ID: ffff
                                                                                                        Client ID : ff
Client ID : ff
Access Permission : fff8
                                                                                                        Access Permission : fff8
Segment no : 2
                                                                                                        Segment no : 2
Length of the Packet: 11
                                                                                                        Length of the Packet : 11
Technology : 5
                                                                                                        Technology : 5
Subscriber no : 262616162
                                                                                                        Subscriber no : 262616162
End of RequestPacket ID : ffff
                                                                                                        End of RequestPacket ID : ffff
Status = Subscriber has given access to the network.
                                                                                                        Subscriber has paid for the subscription.
  ------ Start of a New Packet ------
                                                                                                          ------ Start of a New Packet ------
```

1. Subscriber does not exist in the Verification Database.

```
Packet ID : ffff
Packet ID : ffff
                                                                                                           Client ID : ff
Client ID : ff
                                                                                                           Access Permission : fff8
Access Permission : fff8
                                                                                                            Segment no : 3
                                                                                                           Length of the Packet : 11
Segment no : 3
Length of the Packet : 11
                                                                                                            Technology: 2
                                                                                                            Subscriber no : 262616163
Technology : 2
Subscriber no : 262616163
                                                                                                            End of RequestPacket ID : ffff
End of RequestPacket ID : ffff
                                                                                                            Subscriber does not exist.
tatus = Subscriber does not exist.
                                                                                                            Packet ID : ffff
                                                                                                            Client ID : ff
Packet ID : ffff
                                                                                                            Access Permission : fff8
Client ID : ff
                                                                                                            Segment no : 4
Access Permission : fff8
                                                                                                            Length of the Packet: 11
                                                                                                            Technology : 5
Segment no : 4
Length of the Packet : 11
                                                                                                            Subscriber no : 262616164
Technology : 5
                                                                                                           End of RequestPacket ID : ffff
Subscriber no : 262616164
End of RequestPacket ID : ffff
                                                                                                            Subscriber does not exist.
tatus = Subscriber does not exist.
```

2. Subscriber has not paid for the subscription.

```
----- Start of a New Packet -----
                                                                                                             Packet ID : ffff
                                                                                                             Client ID : ff
Packet ID : ffff
                                                                                                             Access Permission : fff8
Client ID : ff
Access Permission : fff8
                                                                                                             Segment no : 5
                                                                                                             Length of the Packet : 11
Segment no : 5
                                                                                                             Technology: 2
Length of the Packet : 11
                                                                                                             Subscriber no : 262616165
                                                                                                             End of RequestPacket ID : ffff
Technology : 2
Subscriber no : 262616165
End of RequestPacket ID : ffff
                                                                                                             Subscriber has not paid for the subscription.
Status = Subscriber has not paid for the subscription.
                                                                                                             Packet ID : ffff
                                                                                                             Client ID : ff
                                                                                                             Access Permission : fff8
Packet ID : ffff
                                                                                                            Segment no : 6
                                                                                                             Length of the Packet : 11
Client ID : ff
Access Permission : fff8
                                                                                                             Technology : 3
Segment no : 6
                                                                                                             Subscriber no : 262616166
                                                                                                             End of RequestPacket ID : ffff
Length of the Packet : 11
Technology: 3
Subscriber no : 262616166
End of RequestPacket ID : ffff
                                                                                                             Subscriber has not paid for the subscription.
Status = Subscriber has not paid for the subscription.
                                                                                                             Packet ID: ffff
```

3. Subscriber's technology does not match with verification database's subscriber.

```
----- Start of a New Packet -----
                                                                                                       Packet ID: ffff
Packet ID : ffff
                                                                                                       Client ID : ff
Client ID : ff
                                                                                                       Access Permission: fff8
Access Permission : fff8
                                                                                                       Segment no : 7
Segment no : 7
                                                                                                       Length of the Packet : 11
Length of the Packet: 11
                                                                                                       Technology : 2
                                                                                                       Subscriber no : 262616167
Technology: 2
                                                                                                       End of RequestPacket ID : ffff
Subscriber no : 262616167
End of RequestPacket ID : ffff
                                                                                                       Subscriber's technology does not match.
Status = Subscriber is found but it's technology doesn't match.
 ------ Start of a New Packet -----
                                                                                                       Packet ID: ffff
                                                                                                       Client ID : ff
Packet ID : ffff
                                                                                                       Access Permission : fff8
Client ID : ff
                                                                                                       Segment no : 8
Access Permission : fff8
                                                                                                       Length of the Packet : 11
                                                                                                       Technology: 3
Segment no : 8
                                                                                                       Subscriber no : 262616168
Length of the Packet: 11
Technology: 3
                                                                                                       End of RequestPacket ID : ffff
Subscriber no : 262616168
End of RequestPacket ID : ffff
                                                                                                       Subscriber's technology does not match.
Status = Subscriber is found but it's technology doesn't match.
 rishakha@Vishakhas-MacBook-Pro PA2 % 🛚
```

4. Server has not started. So server is not responding error.