

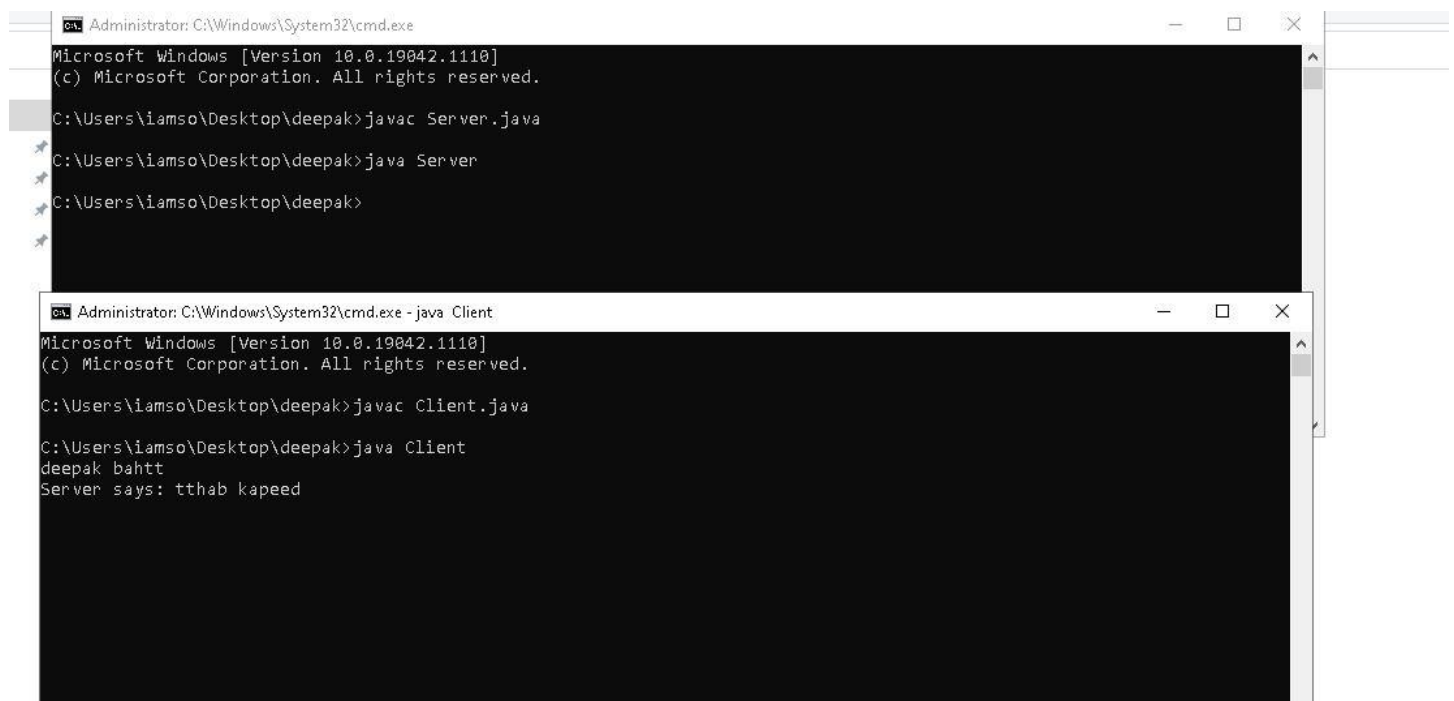
Server.java

```
4
5     public static String reverseString(String str){
6         char ch[]=str.toCharArray();
7         String rev="";
8         for(int i=ch.length-1;i>=0;i--){
9             rev+=ch[i];
10        }
11        return rev;
12    }
13    public static void main(String args[])throws Exception{
14        ServerSocket ss=new ServerSocket(3333);
15        Socket s=ss.accept();
16        DataInputStream din=new DataInputStream(s.getInputStream());
17        DataOutputStream dout=new DataOutputStream(s.getOutputStream());
18        BufferedReader br=new BufferedReader(new InputStreamReader(System.in));
19
20        String str="";
21
22        str=din.readUTF();
23        String output = reverseString(str);
24
25        dout.writeUTF(output);
26        dout.flush();
27
28
29        din.close();
30        s.close();
31        ss.close();
32    }
}
```

Client.java

```
1  import java.net.*;
2  import java.io.*;
3  class Client{
4  public static void main(String args[])throws Exception{
5  Socket s=new Socket("localhost",3333);
6  DataInputStream din=new DataInputStream(s.getInputStream());
7  DataOutputStream dout=new DataOutputStream(s.getOutputStream());
8  BufferedReader br=new BufferedReader(new InputStreamReader(System.in));
9
10 String str="",str2="";
11 while(!str.equals("stop")){
12 str=br.readLine();
13 dout.writeUTF(str);
14 dout.flush();
15 str2=din.readUTF();
16 System.out.println("Server says: "+str2);
17 }
18
19 dout.close();
20 s.close();
21 }
```

Output:



The image displays two screenshots of a Windows command prompt window, titled "Administrator: C:\Windows\System32\cmd.exe".

The first screenshot shows the following commands and output:

```
Microsoft Windows [Version 10.0.19042.1110]
(c) Microsoft Corporation. All rights reserved.

C:\Users\iamso\Desktop\deepak>javac Server.java
C:\Users\iamso\Desktop\deepak>java Server
C:\Users\iamso\Desktop\deepak>
```

The second screenshot shows the following commands and output:

```
Administrator: C:\Windows\System32\cmd.exe - java Client
Microsoft Windows [Version 10.0.19042.1110]
(c) Microsoft Corporation. All rights reserved.

C:\Users\iamso\Desktop\deepak>javac Client.java

C:\Users\iamso\Desktop\deepak>java Client
deepak bahtt
Server says: tthab kapeed
```