

Cn Experiment No. 10

CODE:

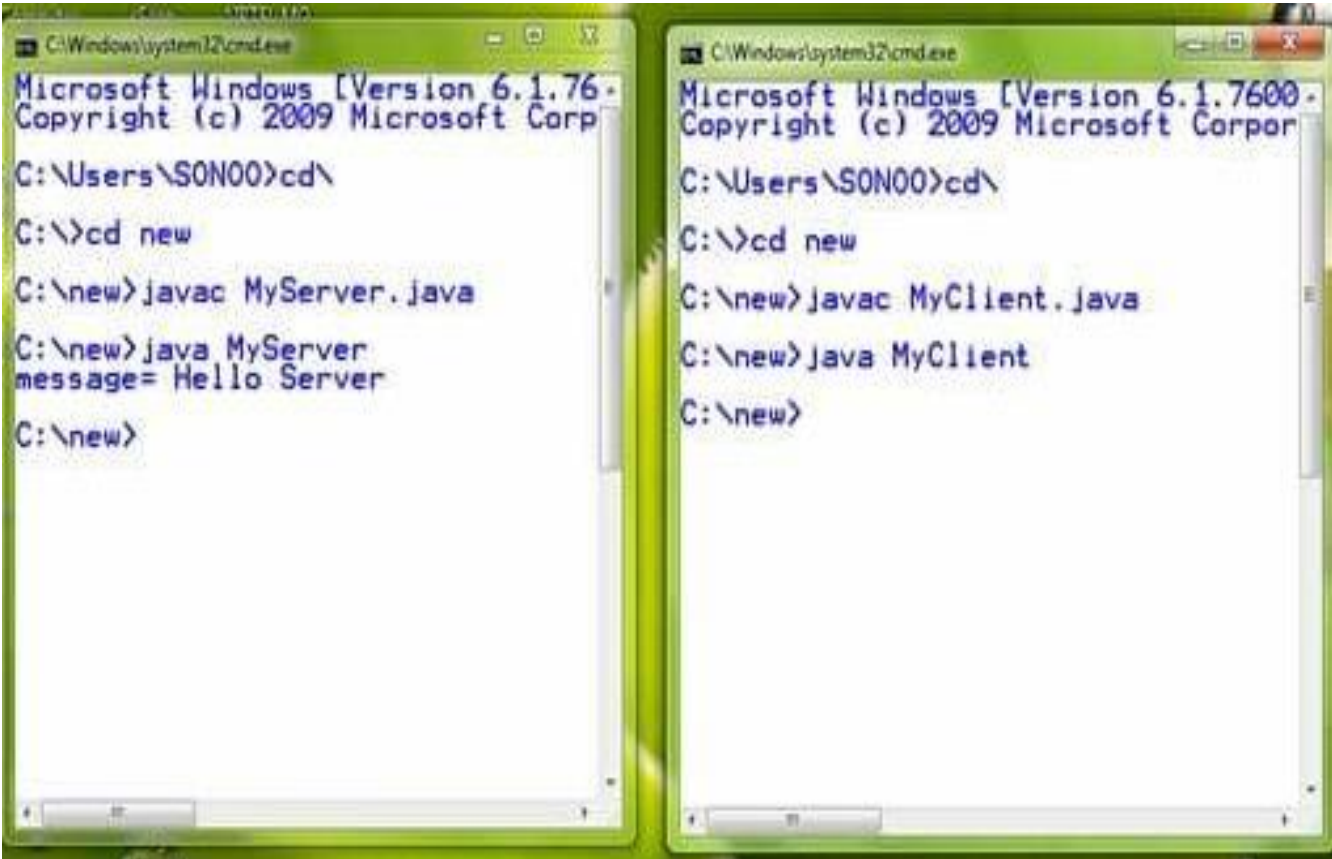
1)MyServer.java

```
import java.io.*;
import java.net.*;
public class MyServer {
public static void main(String[] args){
try{
ServerSocket ss=new ServerSocket(6666);
Socket s=ss.accept();//establishes connection
DataInputStream dis=new DataInputStream(s.getInputStream());
String str=(String)dis.readUTF();
System.out.println("message= "+str);
ss.close();
}catch(Exception e){System.out.println(e);}
}
}
```

2)MyClient.java

```
import java.io.*;
import java.net.*;
public class MyClient {
public static void main(String[] args) {
try{
Socket s=new Socket("localhost",6666);
DataOutputStream dout=new DataOutputStream(s.getOutputStream());
dout.writeUTF("Hello Server");
dout.flush();
dout.close();
s.close();
}catch(Exception e){System.out.println(e);}
}
}
```

OUTPUT:



The image shows two side-by-side Windows command prompt windows. Both windows have a title bar that reads 'C:\Windows\system32\cmd.exe'. The left window shows the following commands and output:
1. 'C:\Users\S0N00>cd\
2. 'C:\>cd new
3. 'C:\new>javac MyServer.java
4. 'C:\new>java MyServer
 message= Hello Server
5. 'C:\new>
The right window shows the following commands and output:
1. 'C:\Users\S0N00>cd\
2. 'C:\>cd new
3. 'C:\new>javac MyClient.java
4. 'C:\new>java MyClient
5. 'C:\new>

```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7600.
Copyright (c) 2009 Microsoft Corp

C:\Users\S0N00>cd\

C:\>cd new

C:\new>javac MyServer.java

C:\new>java MyServer
message= Hello Server

C:\new>
```

```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7600.
Copyright (c) 2009 Microsoft Corpor

C:\Users\S0N00>cd\

C:\>cd new

C:\new>javac MyClient.java

C:\new>java MyClient

C:\new>
```