Harshvardhan Singh
1019161

Server.java

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

Client.java

```java
import java.io.*;
import java.net.*;
import java.util.*;
public class client {
    public static void main(String[] args) {
        Scanner userInput = new Scanner(System.in);
        try{
            Socket s=new Socket("localhost",6666);
            DataOutputStream dout=new
DataOutputStream(s.getOutputStream());

            System.out.println("Entre 1st no: ");
            int x= userInput.nextInt();

            System.out.println("Entre 2nd no: ");
            int y= userInput.nextInt();

            dout.writeInt(x);
            dout.writeInt(y);
            dout.flush();
            dout.close();
            s.close();
        }
        catch(Exception e){
            System.out.println(e);
        }
    }
}
```

Output

```
PS C:\Users\admin\Desktop\DC_LAB> javac server.java
PS C:\Users\admin\Desktop\DC_LAB> java server
110
PS C:\Users\admin\Desktop\DC_LAB> []
```

```
PS C:\Users\admin\Desktop\DC_LAB> javac client.java
PS C:\Users\admin\Desktop\DC_LAB> java client
Entre 1st no:
33
Entre 2nd no:
77
PS C:\Users\admin\Desktop\DC_LAB> []
```