## PRACTICAL NO. 3

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**Roll no:** C1-13

**Subject:** Computer Network Lab

**Aim:** Java Socket Programming where a client sends a message and server receives and prints it.

Creating Client(Code and Output):

```
package Saloni;
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("hellosaloni");
```

```
dout.flush();
dout.close();
s.close();
}catch(Exception e){System.out.println(e);}
yClient.java - Eclipse IDE
     Search Project Run Window Help
 🖹 💲 🖁 🗖 🛛 📝 MyClient.java 🗡 MyServer.java
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   □ □ □ Outline ×
                                                                      1 package Saloni;
20 import java.ib.*;
3 import java.net.*;

⊕ Saloni

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                                                                               4 public class MyClient{
5@public static void main(String[] args){
                                                                          12 s.close();
13 }catch(Exception e){System.out.println(e);}
14 }
15 }

    Problems @ Javadoc    Declaration    □ Console ×

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                                                                       HELLOSALONI
```

## Creating Server(Code and Output):

```
package Saloni;
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();
for(int i=0;i<str.length();i++)</pre>
{
char ch=str.charAt(i);
ch=(char)(ch-32);
System.out.print(ch);
}
ss.close();
}catch(Exception e){System.out.println(e);
}
```