



used functions:

ReceiveString()

```
public static String ReceiveString(DataInputStream dis) throws IOException{
    int size = dis.readInt();
    byte[] stringInBytes = new byte[size];

    dis.readFully(stringInBytes);
    String string = new String(stringInBytes, "UTF-8");
    System.out.println("Server received : " + string);

    return string;
}
```

Send()

```
public static void Send(DataOutputStream dos , String string) throws
IOException{
    byte[] stringInBytes = string.getBytes("UTF-8");
    dos.writeInt(stringInBytes.length);
    dos.write(stringInBytes);
    dos.flush();
}
```

Send()

```
public static void Send(DataOutputStream dos , byte[] data) throws
IOException{
    dos.writeInt(data.length);
    dos.write(data);
    dos.flush();
}
```

ReceiveByte()

```
public static byte[] ReceiveByte(DataInputStream dis) throws IOException{
    int size = dis.readInt();
    byte[] RecvdBytes = new byte[size];
    dis.readFully(RecvdBytes);
    return RecvdBytes;
}
```