

TP2-1: Socket UDP (programme serveur)

```
import java.io.*;
import java.net.*;
class DumpyUDP {
public static void main(String args[]) throws Exception{
    DatagramSocket serverSocket = new DatagramSocket(9886);
    byte[] donneeRecue = new byte[1024];
    byte[] donneeEnvoyee = new byte[1024];
    while(true)
    {
        DatagramPacket paquetRecu = new DatagramPacket(donneeRecue, donneeRecue.length);
        serverSocket.receive(paquetRecu);
        String phrase = new String(paquetRecu.getData());
        InetAddress adresseIP = paquetRecu.getAddress();
        int port = paquetRecu.getPort();
        String phraseMajuscule = phrase.toUpperCase();
        donneeEnvoyee = phraseMajuscule.getBytes();
        DatagramPacket paquetEnvoye =
        new DatagramPacket(donneeEnvoyee,
        donneeEnvoyee.length, adresseIP,
        port);
        serverSocket.send(paquetEnvoye);
    }
}
```