

```
import java.net.Socket;
import java.io.IOException;
import java.io.ObjectInputStream;
import java.util.Map;
import java.util.HashMap;

public class SerialC {
    public static void main (String args[]) {
        if (args.length < 1) {
            System.err.println("Usage: SerialC <IP address>" );
            return;
        }
        try {
            int how_many = 4;
            for (int i = 0; i < how_many; i++) {
                Socket sock = new Socket(args[0], port);
                ObjectInputStream in = new ObjectInputStream (sock.getInputStream());
                Map<?,?> temp = (Map<?,?>) in.readObject(); // blocks

                Map<Integer, String> map = new HashMap<Integer, String>(); //cast to correc
                for (Map.Entry<?,?> e : temp.entrySet())
                    map.put((Integer)e.getKey(), (String)e.getValue());

                System.out.println ("Received in iteration " + i + ": ");
                System.out.println (map);

                sock.close();
            }
        } catch (IOException e) {
            System.err.println (e);
        } catch (ClassNotFoundException e) {
            System.err.println (e);
        }
    }

    private static final int port = 9876;
}
```