

```
1 package main
2
3 import (
4     "fmt"
5     "log"
6     "net"
7 )
8
9 func main() {
10     listener, err := net.Listen("tcp", "localhost:8888")
11
12     if err != nil {
13         log.Fatalln(err)
14     }
15
16     // Localhost IP address is 127.0.0.1
17     fmt.Println("Server Listening on LocalHost:8888")
18
19     defer listener.Close()
20
21     // Accept Connection
22     for {
23         conn, err := listener.Accept()
24         if err != nil {
25             log.Fatalln(err)
26         }
27         fmt.Println("New Connection Request")
28
29         // Concurrent Server
30         go listenConnection(conn)
31     }
32 }
33
34 // Listen to messages coming from connection
35
36 func listenConnection(conn net.Conn) {
37     for {
38         buffer := make([]byte, 1400)
39         dataSize, err := conn.Read(buffer)
40         if err != nil {
41             log.Fatalln(err)
42             fmt.Println("Connection Closed!")
43             return
44         }
45         data := buffer[:dataSize]
46         fmt.Println("Received Message: ", string(data))
47
48         // Echo back the message
49         _, err = conn.Write(data)
50         if err != nil {
51             log.Fatalln(err)
52         }
53         fmt.Println("Message Sent: ", string(data))
54     }
55 }
```