

## 



♦ \$\partial \text{go1.8} \$\partial \text{\$\partial}\$



```
//tcp client
func main() {
    conn ,err := net.Dial("tcp","127.0.0.1:8888")
    if err != nil {
        fmt.Println("connected failed, error message:",err)
        return
    }
    defer conn.Close()
    inputReader := bufio.NewReader(os.Stdout)
    for {
        input, _ := inputReader.ReadString('\n') //$\displaystring('\n')
        inputInfo := strings.Trim(input,"\r\n")
        if strings.ToUpper(inputInfo) == "q"{
            return //$\displaystring(\displaystring) == "q"{
             return //$\displaystring(\displaystring) == "q"{
            return //$\displaystring(\displaystring) == "q"{
            return //$\displaystring(\displaystring) == "q"{
            return //$\displaystring(\displaystring) == "q"{
            return //$\display
```

```
}
        _,err = conn.Write([]byte(inputInfo)) //♦♦♦♦
        if err != nil{
            return
        }
        buf := [512]byte{}
        n,err := conn.Read(buf[:])
        if err != nil{
            fmt.Println("get information failed, error message",err)
            return
        }
        fmt.Println(string(buf[:n]))
    }
}
//TCP server❖
func process(conn net.Conn) {
 defer conn.Close() //♦♦♦♦
for {
  reader := bufio.NewReader(conn)
 var buf [128]byte
  n, err := reader.Read(buf[:]) //\diamondsuit\diamondsuit\diamondsuit
  if err != nil {
  fmt.Println("Failed to connect to client, error message:", err)
  }
  recvStr := string(buf[:n])
  fmt.Println("Receive client information:", recvStr)
  conn.Write([]byte(recvStr)) //♦♦♦♦
}
func main() {
 listen, err := net.Listen("tcp", "127.0.0.1:8888")
if err != nil {
 fmt.Println("Listen failed error message:", err)
 return
 }
 for {
  conn, err := listen.Accept() //♦♦♦♦
```

```
if err != nil {
   fmt.Println("Establishing connection failed, error message:", err)
   continue
   }
   go process(conn) //���goroutine����
}
```







