Instituto Universitario de Yucatán

“proyecto ”

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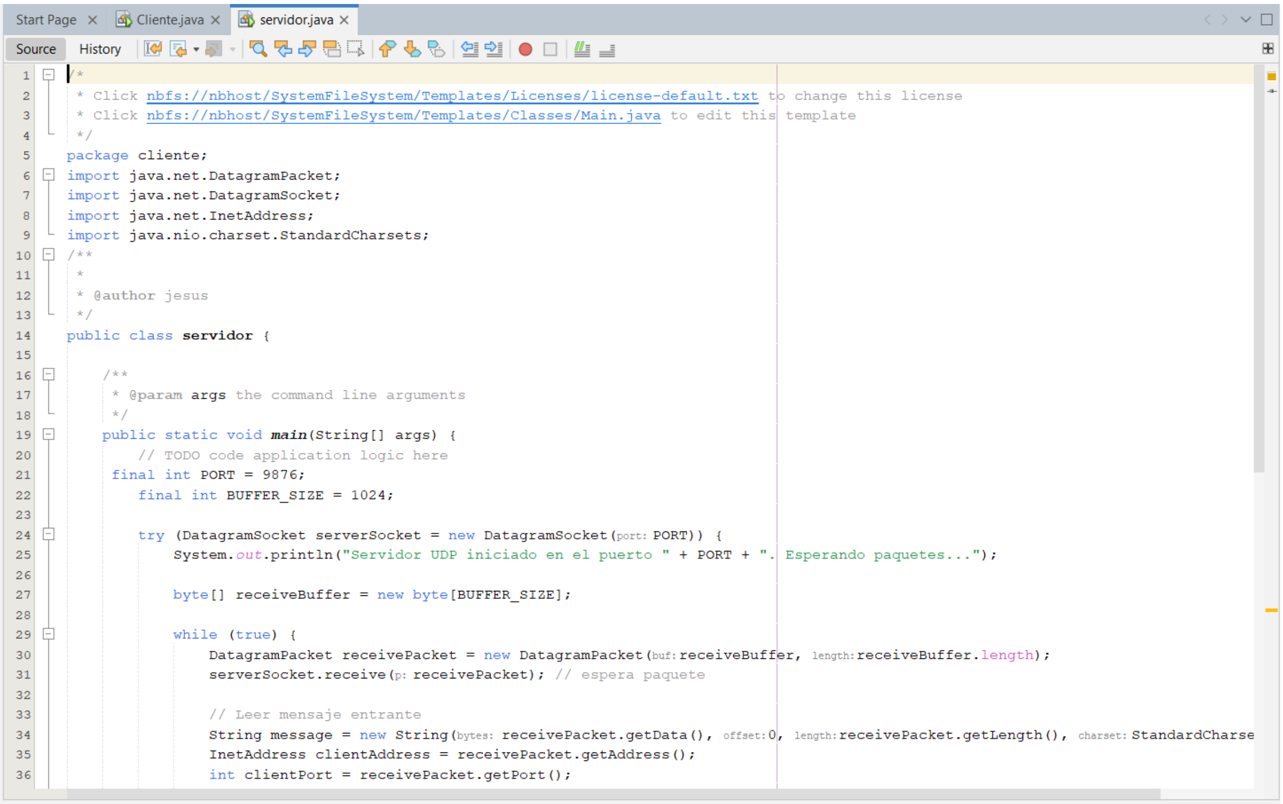
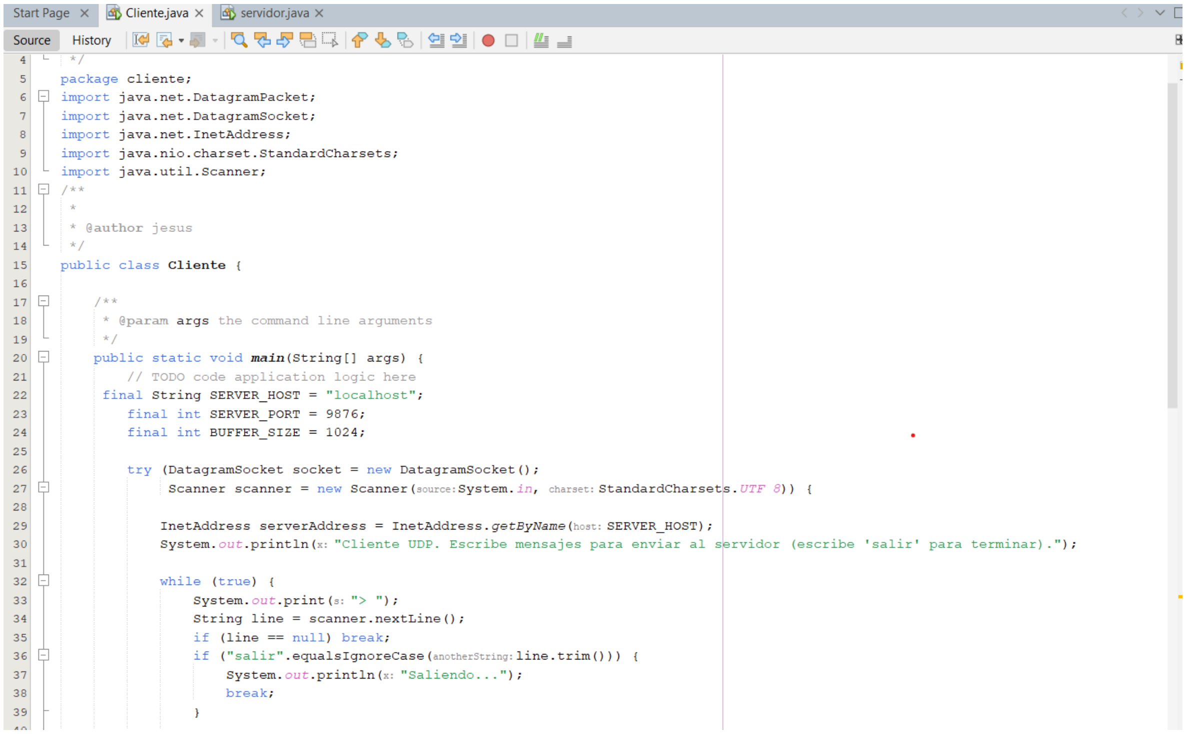
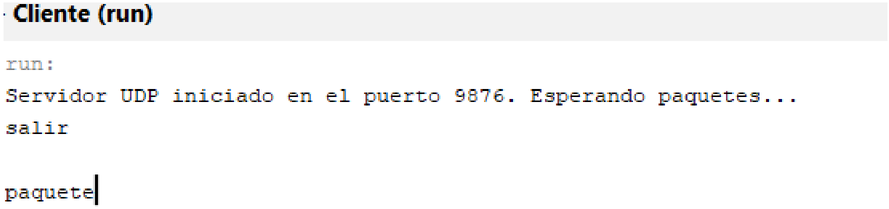


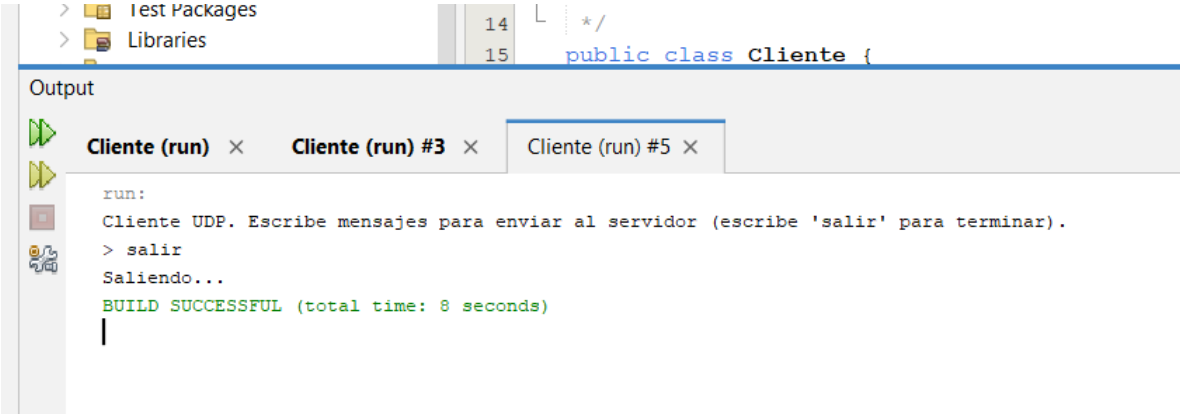
```java
/*
 * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license
 * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Main.java to edit this template
 */
package cliente;
import java.net.DatagramPacket;
import java.net.DatagramSocket;
import java.net.InetAddress;
import java.nio.charset.StandardCharsets;
/**
 *
 * @author jesus
 */
public class servidor {

    /**
     * @param args the command line arguments
     */
    public static void main(String[] args) {
        // TODO code application logic here
     final int PORT = 9876;
        final int BUFFER_SIZE = 1024;

        try (DatagramSocket serverSocket = new DatagramSocket(port: PORT)) {
            System.out.println("Servidor UDP iniciado en el puerto " + PORT + ". Esperando paquetes...");

            byte[] receiveBuffer = new byte[BUFFER_SIZE];

            while (true) {
                DatagramPacket receivePacket = new DatagramPacket(buf:receiveBuffer, length:receiveBuffer.length);
                serverSocket.receive(p: receivePacket); // espera paquete

                // Leer mensaje entrante
                String message = new String(bytes: receivePacket.getData(), offset:0, length:receivePacket.getLength(), charset: StandardCharse
                InetAddress clientAddress = receivePacket.getAddress();
                int clientPort = receivePacket.getPort();
```



```java
 */
package cliente;
import java.net.DatagramPacket;
import java.net.DatagramSocket;
import java.net.InetAddress;
import java.nio.charset.StandardCharsets;
import java.util.Scanner;
/**
 *
 * @author jesus
 */
public class Cliente {

    /**
     * @param args the command line arguments
     */
    public static void main(String[] args) {
        // TODO code application logic here
     final String SERVER_HOST = "localhost";
        final int SERVER_PORT = 9876;
        final int BUFFER_SIZE = 1024;

        try (DatagramSocket socket = new DatagramSocket();
             Scanner scanner = new Scanner(source:System.in, charset: StandardCharsets.UTF 8)) {

            InetAddress serverAddress = InetAddress.getByName(host: SERVER_HOST);
            System.out.println(x: "Cliente UDP. Escribe mensajes para enviar al servidor (escribe 'salir' para terminar).");

            while (true) {
                System.out.print(s: "> ");
                String line = scanner.nextLine();
                if (line == null) break;
                if ("salir".equalsIgnoreCase(anotherString:line.trim())) {
                    System.out.println(x: "Saliendo...");
                    break;
                }
```



```
run:
Servidor UDP iniciado en el puerto 9876. Esperando paquetes...
salir

paquete
```



```
 */
public class Cliente {
```

```
run:
Cliente UDP. Escribe mensajes para enviar al servidor (escribe 'salir' para terminar).
> salir
Saliendo...
BUILD SUCCESSFUL (total time: 8 seconds)
```