**Sample Code**

import edu.huji.cs.netutils.files.CaptureFileFactory; { Used to import a file to capture data packet

import edu.huji.cs.netutils.files.CaptureIterator; from file directory}

import edu.huji.cs.netutils.parse.EthernetFrame;

import edu.huji.cs.netutils.parse.FiveTuple;

import edu.huji.cs.netutils.parse.IPFactory;

import edu.huji.cs.netutils.parse.IPv4Packet;

import edu.huji.cs.netutils.parse.TCPPacket;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.Statement;

import java.util.HashSet;

import java.util.Random;

import javax.swing.JOptionPane;

/\*

\* To change this template, choose Tools | Templates

\* and open the template in the editor.

\*/

/\*\*

\*

\* @author Admin

\*/

public class TCPDump extends javax.swing.JFrame {

String dura[]={"0:00:13","0:00:00","0:01:01","0:00:14","0:00:12","0:00:04","0:00:17","0:00:11","0:00:24","0:00:16","0:01:23","0:00:49","0:00:36","0:00:15","0:00:06","0:00:59","0:00:48","0:01:36"};

/\*\*

\* Creates new form TCPDump

\*// Created new Dump file

public TCPDump() {

initComponents();

jTextField1.setText(PacketCapturing\_2.fname);

}

// tcpdump is a common packet analyzer that runs under the command line. It allows the user to display **TCP**/IP and other packets being transmitted or received over a network to which the computer is attached.

/\*\*

\* This method is called from within the constructor to initialize the form.

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jButton1 = new javax.swing.JButton();

jPanel1 = new javax.swing.JPanel();

jTextField1 = new javax.swing.JTextField();

jButton2 = new javax.swing.JButton();

jScrollPane1 = new javax.swing.JScrollPane();

jTextArea1 = new javax.swing.JTextArea();

jLabel1 = new javax.swing.JLabel();

jButton3 = new javax.swing.JButton(); //{ **javax**.**swing**. Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms.}//

jButton1.setText("jButton1");

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

setMinimumSize(new java.awt.Dimension(800, 600));

getContentPane().setLayout(null);

jPanel1.setBackground(new java.awt.Color(204, 204, 204));

jPanel1.setLayout(null);

jPanel1.add(jTextField1);

jTextField1.setBounds(50, 70, 490, 30); // Jpanel provides a plateform to add features to java frames by adding back ground colour within a specified text area) //

jButton2.setText("Import ");

jButton2.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton2ActionPerformed(evt);

}

});

jPanel1.add(jButton2);

jButton2.setBounds(560, 70, 140, 30);

jTextArea1.setColumns(20);

jTextArea1.setRows(5);

jScrollPane1.setViewportView(jTextArea1);

jPanel1.add(jScrollPane1);

jScrollPane1.setBounds(30, 150, 700, 350);

jLabel1.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel1.setText("J-Honeypot Intrusion Detection and Deception Tool ");

} // The text area is secified within intrusion detection //