**Practical no.-**12

**Title:** Write a program to demonstrate the use of JTextField and JPasswordField using Listner Interface.

**Roll No.:**15 **Batch-** A **Date of Performance:** 17/09/2023

**Code-**

package pract12;

import java.awt.\*;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import javax.swing.\*;

public class PasswordFieldDemo extends JFrame implements ActionListener{

JPasswordField passwordField;

JLabel messageLabel;

public PasswordFieldDemo() {

setSize(500,300);

JPanel panel = new JPanel();

panel.setLayout(new FlowLayout());

JLabel passwordLabel = new JLabel("Password: ");

passwordField = new JPasswordField(15);

passwordField.setEchoChar('#');

messageLabel = new JLabel();

messageLabel.setForeground(Color.RED);

JButton submitButton = new JButton("Submit");

submitButton.addActionListener(this);

panel.add(passwordLabel);

panel.add(passwordField);

panel.add(submitButton);

panel.add(messageLabel);

add(panel);

setVisible(true);

}

public static void main(String[] args) {

new PasswordFieldDemo();

}

@Override

public void actionPerformed(ActionEvent e) {

char[] password = passwordField.getPassword();

if (password.length < 6) {

messageLabel.setText("Password length must be > 6 characters");

} else {

messageLabel.setText("Password Accepted");

}

}

}

**Output-**

