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Advance Java - Practical 1

Aim - A) Write a Swing program to demonstrate JTextfield component.

B) Write a Swing program to demonstrate JPasswordField

Write ups - 1) Swing widget

- a) Swing is a GUI toolkit for Java. It is part
- b) It is a part of Oracle's Java foundation (JFC) for Java programs
- c) Swing was developed to provide more sophisticated set of GUI components than the earlier Abstract Window Toolkit (AWT)
- d) It provides set of rich widgets and packages

2) JTextfield

- 1) It is part of javax.swing package
 - 2) The class JTextfield is a component that allows editing of single line of text.
 - 3) JTextfield inherits the JTextComponent class and uses the interface SwingConstants
- Constructor
- 1) JTextfield(): Constructor that creates a new Textfield
 - 2) JTextfield(int columns) - empty Textfield with specified columns



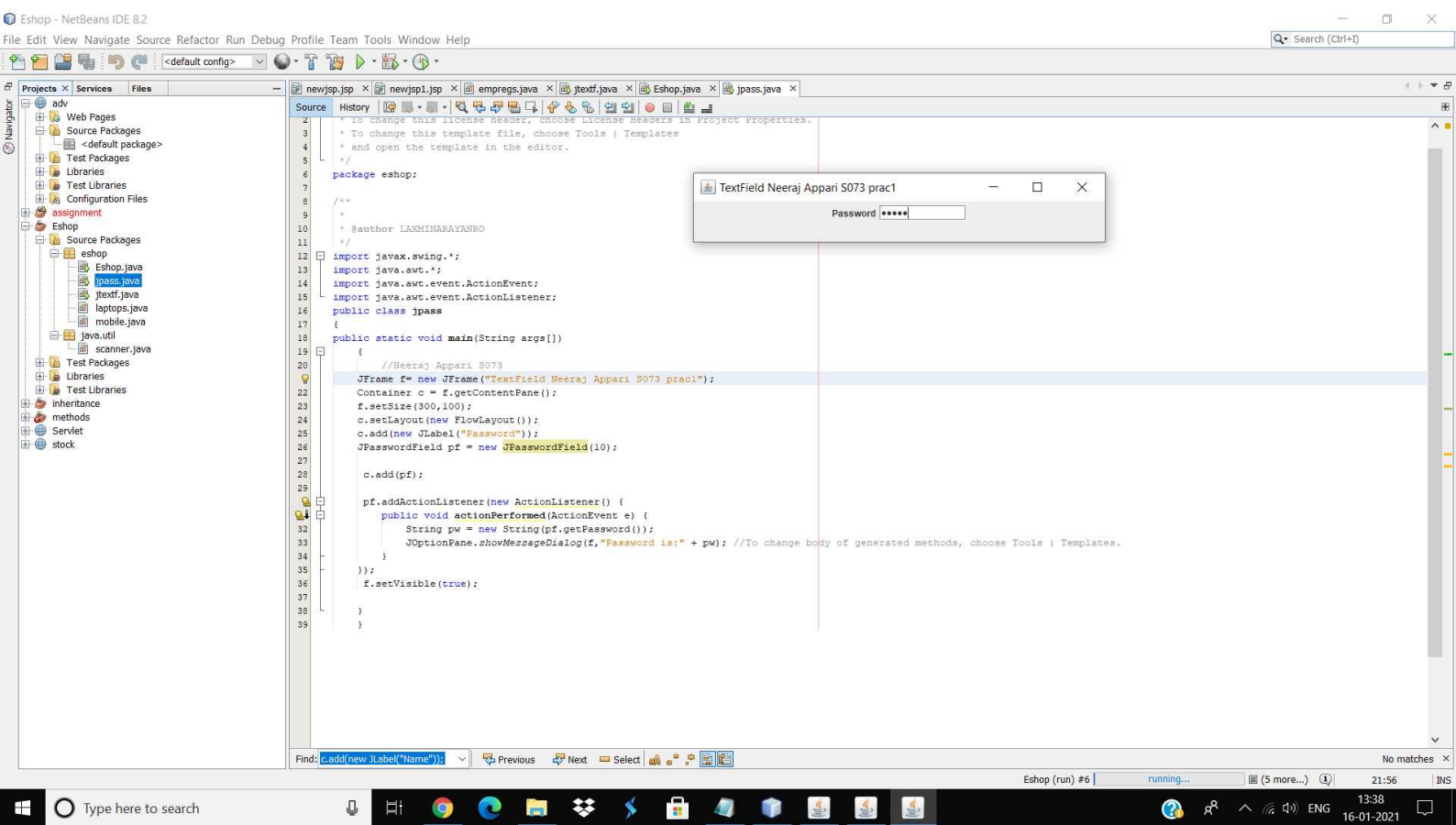
3) JPasswordField

- It is a part of javax.swing package
- The class JPasswordField is a component that allows editing of a single line of text where the view indicates that something was typed by does not show the actual characters.

3) JPasswordField inherits the JTextField class in javax.swing package.

Constructors of the class are

- 1) JPasswordField() - constructor that creates a new Password field
- 2) JPasswordField(int columns): Constructor that creates a new empty Password field with specified columns
- 4) JLabel() - It is used to display a short string or an image icon
- 5) ActionListener() - ActionListener in Java is a class that is responsible for handling all action events when the user clicks on a component
- 6) JOptionPane() - JOptionPane class is used to provide standard dialog boxes such as message dialog box, confirm dialog box and input dialog box



Eshop - NetBeans IDE 8.2

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Source History

```
1 package eshop;
2 /*
3  * To change this license header, choose License Headers in Project Properties.
4  * To change this template file, choose Tools | Templates
5  * and open the template in the editor.
6  */
7
8 /**
9  *
10  * @author LAXMINARAYANRO
11  */
12 import javax.swing.*;
13 import java.awt.*;
14 public class jtextf
15 {
16     public static void main(String args[])
17     {
18         //Neeraj Appari S073
19         JFrame f= new JFrame("TextField prac1");
20         Container c = f.getContentPane();
21         f.setSize(300,100);
22         c.setLayout(new FlowLayout());
23         c.add(new JLabel("Name"));
24         c.add(new JTextField(10));
25         f.setVisible(true);
26     }
27 }
28 }
```

TextField...

Name |Neeraj Appari S073|

Find: c.add(new JLabel("Name")); Previous Next Select 1 match

Eshop (run) running... 27:8 INS

Type here to search

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