**Aim : Write a java program to create an application that displays a frame with a menubar when a user select any menu or menu item, display that selection on a text area in the centre of the frame.**

**Developed By : Sanjana Parate**

**Date : 03-11-2023**

**Programme.java**

import java.awt.\*;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import javax.swing.\*;

public class Programme extends JFrame implements ActionListener

{

JMenuItem newOne;

JMenuItem save;

JMenuItem SaveAs;

JMenuItem exit;

JTextArea l;

Programme()

{

FlowLayout f=new FlowLayout();

JMenuBar menubar=new JMenuBar();

JMenu menu=new JMenu("File");

l=new JTextArea (null,1,5);

JPanel p=new JPanel();

add(p);

l.setLayout(new FlowLayout());

p.add(l);

newOne=new JMenuItem("New");

save=new JMenuItem("Save");

SaveAs=new JMenuItem("SaveAs");

exit=new JMenuItem("Exit");

menubar.add(menu);

menu.add(newOne);

menu.add(save);

menu.add(SaveAs);

menu.add(exit);

newOne.addActionListener(this);

save.addActionListener(this);

SaveAs.addActionListener(this);

exit.addActionListener(this);

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

setJMenuBar(menubar);

setSize(300,300);

setVisible(true);

}

@Override

public void actionPerformed(ActionEvent e) {

// throw new UnsupportedOperationException("Not supported yet."); // Generated from nbfs://nbhost/SystemFileSystem/Templates/Classes/Code/GeneratedMethodBody

if(e.getSource()== newOne)

{

l.setText("New");

}

else if(e.getSource()== save)

{

l.setText("Save");

}

else if(e.getSource()== SaveAs)

{

l.setText("SaveAs");

}

else if(e.getSource()== exit)

{

l.setText("Exit");

}

}

public static void main(String[] args) {

// TODO code application logic here

Programme p=new Programme();

}

}

**Output :**

