



Programmer Name: Neha Nemade

Batch: L5

Problem Statement: Creating Notepad application using Swing.

Code:

```
package ajp_codes;

import javax.swing.*;
import java.awt.event.*;
public class code10 implements ActionListener{

JFrame f;
JMenuBar mb;
JMenu file,edit,help;
JMenuItem cut,copy,paste,selectAll;
JTextArea ta;

code10(){

    f=new JFrame("NotePad");
    cut=new JMenuItem("cut");
    copy=new JMenuItem("copy");
    paste=new JMenuItem("paste");
    selectAll=new JMenuItem("selectAll");

    cut.addActionListener(this);
    copy.addActionListener(this);
    paste.addActionListener(this);
    selectAll.addActionListener(this);

    mb=new JMenuBar();
    file=new JMenu("File");
    edit=new JMenu("Edit");
    help=new JMenu("Help");

    edit.add(cut);
    edit.add(copy);
    edit.add(paste);
    edit.add(selectAll);

    mb.add(file);
    mb.add(edit);
    mb.add(help);

    ta=new JTextArea();
    ta.setBounds(5,5,360,320);
```



```
f.add(mb);
f.add(ta);

f.setJMenuBar(mb);
f.setLayout(null);
f.setSize(400,400);
f.setVisible(true);

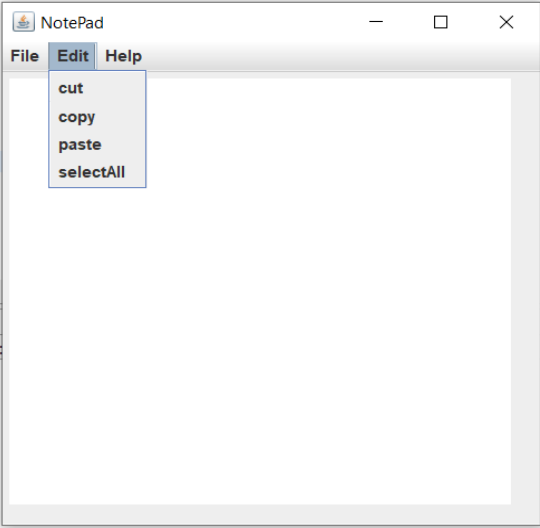
}

public void actionPerformed(ActionEvent e) {
if(e.getSource()==cut)
    ta.cut();
if(e.getSource()==paste)
    ta.paste();
if(e.getSource()==copy)
    ta.copy();
if(e.getSource()==selectAll)
    ta.selectAll();
}
public static void main(String[] args) {
    System.out.println("Name: Neha Nemade\nRoll no: 32147");
    new code10();
}
}
```



OUTPUT→

```
43 f.add(mb);
44 f.add(ta);
45
46 f.setJMenuBar(mb);
47 f.setLayout(null);
48 f.setSize(400,400);
49 f.setVisible(true);
50
51
52 }
53
54 public void actionPerformed(ActionEvent e) {
55     if(e.getSource()==cut)
56         ta.cut();
57     if(e.getSource()==paste)
58         ta.paste();
59     if(e.getSource()==copy)
60         ta.copy();
61     if(e.getSource()==selectAll)
62         ta.selectAll();
63 }
64 public static void main(String[] args) {
65     System.out.println("Name: Neha Nemade\nRoll no: 32147");
66     new code10();
67 }
68 }
69
70
```



code10 [Java Application] C:\Program Files\Java\jdk-14\bin\javaw.exe (29-Apr-2022, 2:25:55)
Name: Neha Nemade
Roll no: 32147