```
1: /*
 2:
 3: Jared Dyreson
 4: CWID: 889546529
 5: CreateNewArchive.java ->
 6:
 7: */
 8:
 9: import javax.swing.*;
10: import java.text.MessageFormat;
11: import java.awt.*;
12: import javax.swing.JFrame;
13: import java.awt.event.*;
14: import java.lang.Math;
15:
16: import java.io.*;
17: import java.util.*;
18: import java.util.List;
19: import java.util.ArrayList;
20: import java.util.Arrays;
21:
22:
23: public class CreateNewArchive extends JFrame implements ActionListener{
            // Auto generated with caffine and pppd-dns.service
24:
25:
26:
            private final int FRAME_HEIGHT = 522, FRAME_WIDTH = 193;
27:
            JButton create = new JButton("Create");
28:
            JButton close = new JButton("Close");
29:
30:
            JLabel location_label = new JLabel("Location");
31:
            JLabel archive_name_label = new JLabel("Archive Name:");
32:
33:
            JTextField archive_name_field = new JTextField(20);
34:
35:
            JPanel bottom_elements = new JPanel();
36:
            JPanel center_elements = new JPanel();
37:
38:
            ZipBackend zipper = new ZipBackend();
39:
40:
            public CreateNewArchive() {
41:
                    super("Create New Archive");
42:
43:
                    this.setSize(FRAME_HEIGHT, FRAME_WIDTH);
44:
                    this.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
45:
                    this.setLocationRelativeTo(null);
46:
47:
                    create.addActionListener(this);
48:
                    close.addActionListener(this);
```

src/CreateNewArchive.java

```
49:
                    bottom_elements.setLayout(new FlowLayout());
50:
                    bottom_elements.add(create);
51:
                    bottom_elements.add(close);
52:
53:
                    center_elements.setLayout(new FlowLayout());
54:
                    center_elements.add(location_label);
55:
                    center_elements.add(archive_name_field);
56:
57:
                    this.add(bottom_elements, BorderLayout.SOUTH);
58:
                    this.add(center_elements, BorderLayout.CENTER);
59:
            @Override
60:
            public void actionPerformed(ActionEvent event) {
61:
62:
                    Object action_performed = event.getSource();
63:
                    if (action_performed == close) {
64:
65:
                            this.dispose();
66:
67:
                    else if(action_performed == create){
                            String path_to_empty = archive_name_field.getText();
68:
69:
                            try{
70:
71:
                                     zipper.create_empty_archive(path_to_empty+".zip");
72:
73:
                            catch (Exception error) {
74:
                                     System.out.println(error);
75:
76:
                    }
77:
78: }
```