



Simple C...

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simple.java 1

SimpleCalculator.java 1

siri

STA.java

OUTLINE

TIMELINE SimpleCalculator.java

Workspace Edit now

SimpleCalculator.java > SimpleCalculator

```
1 import javax.swing.*;
2 import java.awt.*;
3 import java.awt.event.ActionEvent;
4 import java.awt.event.ActionListener;
5
6 public class SimpleCalculator extends JFrame implements ActionListener {
7     private JTextField num1Field, num2Field, resultField;
8     private JButton addButton, subtractButton, multiplyButton, divideButton;
9
10    public SimpleCalculator() {
11        setTitle(title:"Simple Calculator");
12        setSize(width:300, height:200);
13        setDefaultCloseOperation(EXIT_ON_CLOSE);
14
15        num1Field = new JTextField(columns:10);
16        num2Field = new JTextField(columns:10);
17        resultField = new JTextField(columns:10);
18        resultField.setEditable(b:false);
19    }
20 }
```

PROBLEMS 51 OUTPUT DEBUG CONSOLE TERMINAL PORTS

Windows PowerShell

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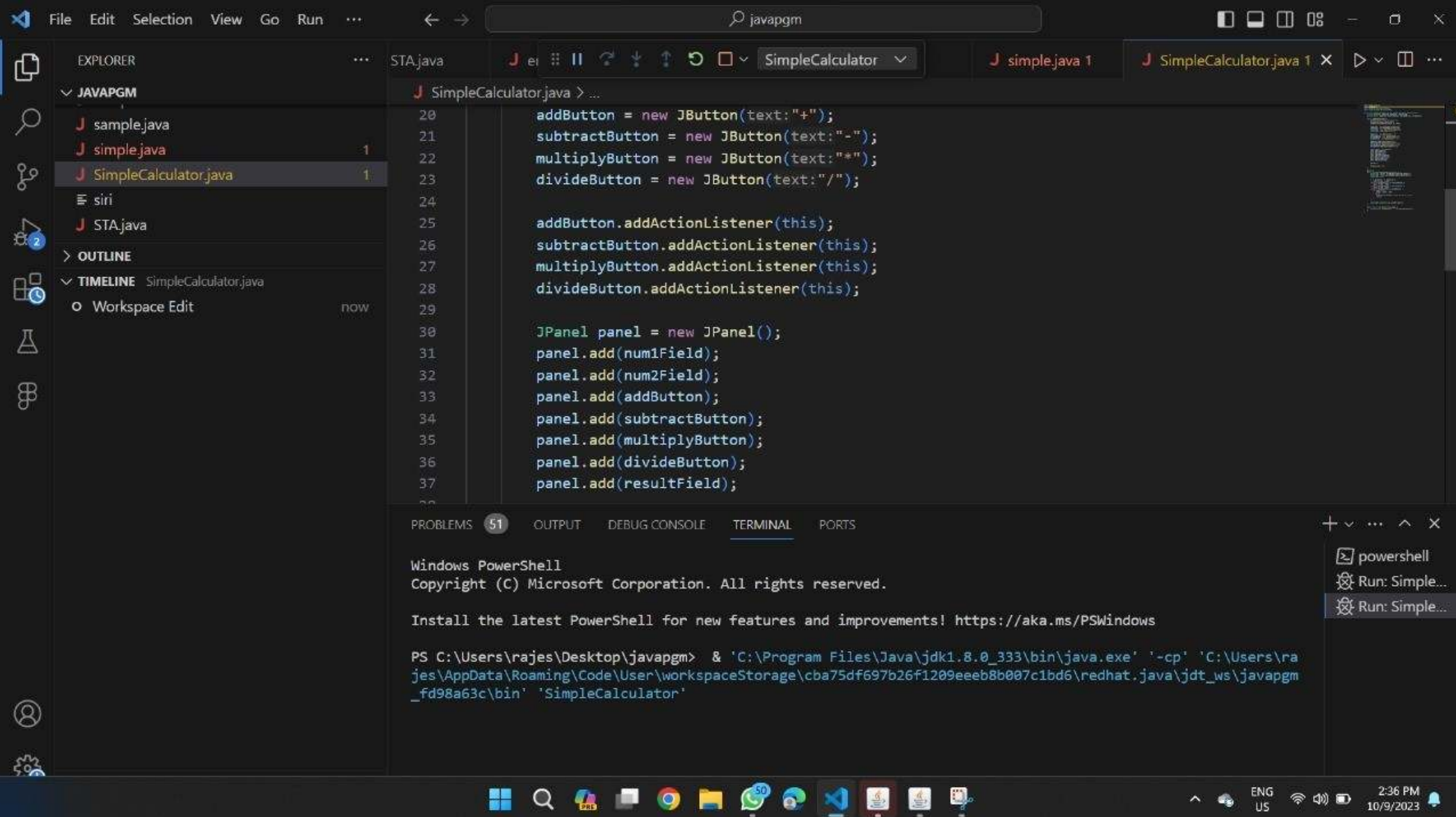
PS C:\Users\rajes\Desktop\javapgm> & 'C:\Program Files\Java\jdk1.8.0_333\bin\java.exe' '-cp' 'C:\Users\rajes\AppData\Roaming\Code\User\workspaceStorage\cba75df697b26f1209eeeb8b007c1bd6\redhat.java\jdt_ws\javapgm_fd98a63c\bin' 'SimpleCalculator'

powershell

Run: Simple...

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2:35 PM 10/9/2023



FileEditSelectionViewGoRun

←→javapgm

EXPLORER

JAVAPGM

sample.java1

simple.java1

SimpleCalculator.java1

siri

STA.java

OUTLINE

TIMELINE SimpleCalculator.java

Workspace Editnow

SimpleCalculator.java > SimpleCalculator > SimpleCalculator()

39add(panel);

40

41setVisible(b:true);

42}

43

44@Override

45public void actionPerformed(ActionEvent e) {

46double num1 = Double.parseDouble(num1Field.getText());

47double num2 = Double.parseDouble(num2Field.getText());

48double result = 0;

49

50if (e.getSource() == addButton) {

51result = num1 + num2;

52} else if (e.getSource() == subtractButton) {

53result = num1 - num2;

54} else if (e.getSource() == multiplyButton) {

55result = num1 * num2;

56} else if (e.getSource() == divideButton) {

PROBLEMS51

OUTPUT

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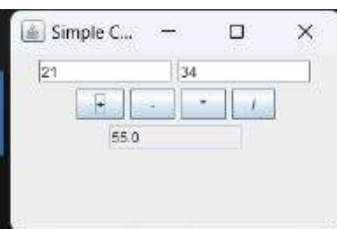
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Run: Simple...

Run: Simple...

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10/9/2023



SimpleCalculator.java

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if (num2 != 0) {

result = num1 / num2;

} else {

resultField.setText(t:"Cannot divide by zero");

return;

}

resultField.setText(String.valueOf(result));

}

Run | Debug

public static void main(String[] args) {

SwingUtilities.invokeLater(() -> new SimpleCalculator());

}

PROBLEMS 51

OUTPUT

DEBUG CONSOLE

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PORTS

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