



simple.java 1

SimpleCalculator.java 1

siri

STA.java

OUTLINE

TIMELINE SimpleCalculator.java

Workspace Edit now

51

PROBLEMS

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...

Run: Simple...

javapgm

SimpleCalculator

simple.java 1

SimpleCalculator.java 1

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 }
```

FileEditSelectionViewGoRun...javapgm

EXPLORER

JAVAPGM

sample.java
simple.java
SimpleCalculator.java
siri
STA.java

OUTLINE

TIMELINE SimpleCalculator.java

Workspace Edit

SimpleCalculator.java > ...

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```
addButton = new JButton(text:"+");
subtractButton = new JButton(text:"-");
multiplyButton = new JButton(text:"*");
divideButton = new JButton(text:"/");

addButton.addActionListener(this);
subtractButton.addActionListener(this);
multiplyButton.addActionListener(this);
divideButton.addActionListener(this);

JPanel panel = new JPanel();
panel.add(num1Field);
panel.add(num2Field);
panel.add(addButton);
panel.add(subtractButton);
panel.add(multiplyButton);
panel.add(divideButton);
panel.add(resultField);
```

PROBLEMS 51

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