

Java Lab-5

The screenshot displays the NetBeans IDE interface with the following components:

- Project Explorer (Left):** Shows a project structure with packages like `CameraDrillState`, `javaapplication1`, `Libraries`, `Source Packages`, `model`, `ui`, `MainFrame.java`, `Test Packages`, `Libraries`, `Test Libraries`, `JavaLab4.class`, `Source Packages`, `model`, `User.java`, `ui`, `FormPanel.java`, `MainFrame.java`, `ViewPanel.java`, `Test Packages`, and `Libraries`.
- Source Editor (Center):** Displays the code for `CameraDrillStateMachine.java`. The code includes a `case` statement for `COLOR_CAMERA`, `MM16_CAMERA`, and `IDLE`, and methods `onButton1LongPress()`, `onButton2Press()`, `onButton1DoublePress()`, and `main()`.
- Members (Bottom Left):** Shows the members of the `CameraDrillStateMachine` class, including `main(String[] args)`, `onButton1DoublePress()`, `onButton1LongPress()`, `onButton1Press()`, `onButton2Press()`, and `State`.
- Notifications (Bottom Right):** A notification from NetBeans 12.2 stating "NetBeans 12.2 was last used 775 days ago." with a "3 minutes ago" timestamp and an "Info" button.
- Output (Bottom Left):** An empty output window.
- Taskbar (Bottom):** Shows the Windows taskbar with the Start button, Search bar, and various application icons.

```
10 case COLOR_CAMERA -> currentState = State.COLOR_CAMERA;
11 case MM16_CAMERA -> currentState = State.MM16_CAMERA;
12 case IDLE -> currentState = State.IDLE;
13 }
14 }
15 }
16 public void onButton1LongPress() {
17     if (currentState == State.IDLE) {
18         currentState = State.COLOR_CAMERA;
19     } else if (currentState == State.COLOR_CAMERA) {
20     }
21 }
22 }
23 public void onButton2Press() {
24     currentState = State.IDLE;
25 }
26 }
27 public void onButton1DoublePress() {
28     if (currentState == State.IDLE) {
29         currentState = State.IDLE;
30     }
31 }
32 }
33 public static void main(String[] args) {
34     CameraDrillStateMachine stateMachine = new CameraDrillStateMachine();
35     stateMachine.onButton1Press();
36     stateMachine.onButton1LongPress();
37     stateMachine.onButton2Press();
38     stateMachine.onButton1Press();
39     stateMachine.onButton1Press();
40 }
```

