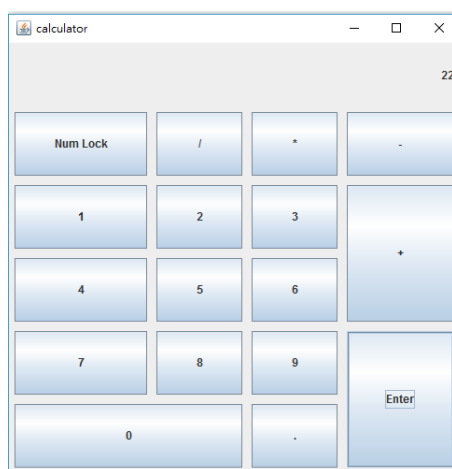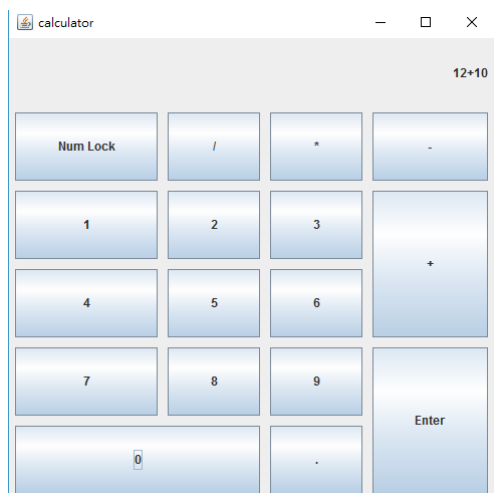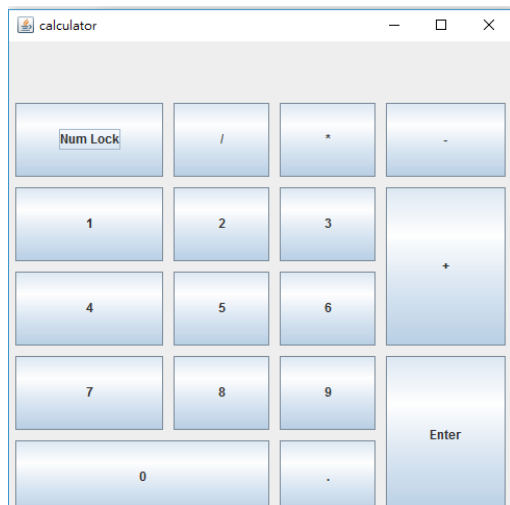Hw20161010

高宇哲 0258037 醫資四

程式碼：
採用 MVC 架構

Main.java
|
|
|------Model.java：暫存運算式
|
|------View.java：處理介面
|
|------Controller.java：放置事件監聽器

主程式：

```java
import javax.swing.SwingUtilities;

import mvc.models.*;
import mvc.views.*;
import mvc.controllers.*;

public class Main {
    public static void main(String[] args) {
        View view=new View("calculator");
        Model model=new Model();
        Controller controller=new Controller(model, view);
        controller.control();
    }
}
```

Enter 的監聽器：

```java
        view.operatorButton[5].addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
                ScriptEngineManager manager = new ScriptEngineManager();
                ScriptEngine engine = manager.getEngineByName("JavaScript");
                try {
                    model.setExpr(engine.eval(model.getExpr()).toString());
                    view.label.setText(model.getExpr());
                } catch(ScriptException ex) {
                    System.out.println(ex);
                }
            }
        });
```

完整程式碼：https://goo.gl/kzrLrr