

CP213 Lecture Start Nov 11th 2016 CE

~~Next assignment make GUI calculator~~

IT is make GUI calculator

```
JButton addButton = new JButton("+")
addButton.addActionListener(this);
buttonPanel.add(addButton)
```

Void methods should be private

→ A Button is a container & component

↳ Since it's a container it can hold other buttons

Setup should not be done in main method

paint program uses mouse motion listener

↳ drag to paint

~~Don't need 3~~

Calculator using BigInteger

don't need sqrt etc

How to stop GUI being unresponsive?

↳ Multi thread programming

while action running