GUI Programming

Lab work 1 Part 3

The role of SWING in JAVA

* SWING is a set of program components. SWING gives programmers the ability to create and design GUI programs and use their components, like labels, buttons, scroll bars and lists.

Two GUI components found in SWING

* JButton
* JLabel

The relationship between SWING and AWT

* SWING has replaced AWT’s heavyweight components with its version of the components, but lightweight. While SWING components have the same behaviours as AWT components, they also have new features added in, like buttons with images. SWING is built on top of AWT.

One advantage of GUI coded in SWING

* SWING has a lot more components that are Java based when compared to AWT.