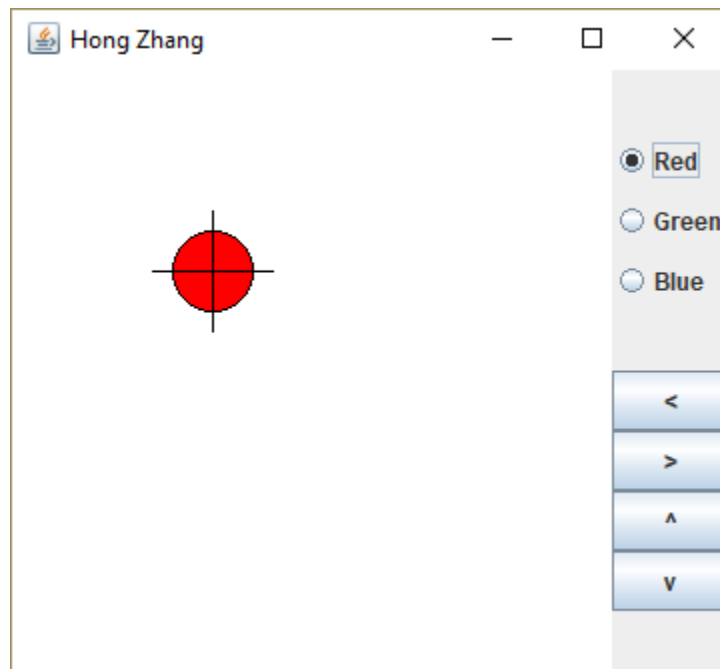# CSCI 5437 Assignment 1 (Programming Project)

Due: 1/20/2023

Write a Java GUI program using Swing. As shown in the screen capture below, a circle and a cross is drawn in a panel. The fill color of the circle is controlled by the radio buttons on the right side. When you click on the panel with the mouse, the figure will move to the new location centered at the mouse pointer. The drawing object can also be moved by the direction buttons on the right. Show your name in the title of the frame.

Hand code the program and do not use any graphical UI design features of the IDE. Do not use JavaFX. Follow the Java Naming Convention and the specific coding formats and conventions for this course. Name the main class *Assignment1* and place all the classes in the package *assignment1*. Submit the source files to the dropbox on *folio*.