·   Put all your work into a directory **hw3** of your Git project and push it every several days.

·   Submit a link of your repo in Canvas

·   Remember to run git commit regularly if you need

Read Chapter 3

Question 1

Write a program that computes the number of days that have elapsed since you were born. Use the `ZonedDateTime` class, not the `Day` class of this chapter.

Read Chapter 4

Question 2

Write a class BankAccount that implements the Comparable interface type. Order bank accounts by increasing balance. Supply a test program that sorts an array list of bank accounts

Question 3

Write a program that shows a frame with three buttons labeled "Red", "Green", and "Blue", and a label containing an icon showing a circle that is initially red. As the user clicks the buttons, the fill color of the circle should change. When you change the color, you need to invoke the repaint method on the label. The call to `repaint` ensures that the `paintIcon` method is called so that the icon can be repainted with the new color.

Question 4

Write a program that shows a frame with two buttons labeled "Zoom in", and "Zoom out", and a label containing a car icon. As the user clicks the buttons, the car should get larger or smaller. As in Question 3, you need to invoke the `repaint` method on the label to trigger a redisplay of the image.