* Difficulties:
  + Getting everything in the right location
    - Particularly getting the month above the days with arrow keys
      * This was fixed generally by adding layouts on top of layouts
  + Named my program Calendar and it directly contradicted my import files
    - Changed program name to CalendarTest
  + Getting the first day of every month into the correct spot
    - Was fixed by calculating the first day with built in program and using a for loop to add blank JButtons to fill in the blank days before starting the official days
  + Some race condition where if you click next and previous/next month’s label would disappear
    - Removed an excessive call to add to the frame and move repaint and revalidate to the end of the method
  + Differentiating the day JButtons from each other so the action listeners are separate
    - Learned how to use a JButton array
  + The day would not update when I clicked a date JButton
    - This was largely a problem of not planning everything out before I wrote it. My method for the days JButtons could not access the JPanel that printed my current selected date to refresh it
      * The solution I came up with was using the same code from my selected date in the action listener for my days. This is not graceful or ideal but it does work
      * A better solution would have been to make the selected date its own method which could have been called in both it’s initial section and the action listener
  + I used an action listener for individual jbuttons instead of writing one action listener as a method on its own
    - I thought this would simplify things initially but it severely over complicated them
* Functions:
  + My main function runs invokes my swing utilities and runs createFrame
  + createFrame creates my jFrame, sets its parameters, and calls other methods to add panels to itself using a BorderLayout
  + createWestGUI handles the western side including the selected date, arrows to switch months, and days of the month
    - The present date is the default selected date
    - The date updates as day JButtons are pushed
    - The day remains the same when switching months
    - Months have appropriate number of days and start on the correct date by using the built in calendar fuction and blank JButtons
    - Leap years are also handled by using the built in calendar functions
    - The days use a JButton array so they can be distinguishable
  + createSouthGUI creates the ok and cancel buttons
    - The intended design was to have ok save the string written in the JTextArea in the EastGUI to “info” in the dateInfo Object
      * This was not completed because I did not arrange my methods in a way that made obtaining the JText info easy
      * This made testing the storage and retrieval very difficult
      * However, the object is created and has the necessary fields and get and set functions. It just needs proper implementation
  + createEastGUI creates the JTextArea for the info that should be saved and retrieved by date
    - Currently info can be written but not saved nor retrieved
      * Because of this I have decided not to wipe the notes when the date is changed
    - The notes do not erase when the date is changed
      * This could be fixed by redrawing the JTextArea or setting it back to ““ but I decided that since you cannot save the notes they may as well stay with you since that is more useful than losing them every time you change the date
  + dateInfo object stored the dates by taking their dates and using that as a unique identifier
    - It then uses that to save their notes so that they are retrievable by their unique date id
    - The set and get functions do not work properly however, as it was difficult to test making it even more difficult to resolve
* Bugs:
  + If you select a date from a month that has more days then another month it is possible to get a “fake date”
    - Select January 31st and click the arrow to February, you will now be on February 31st
  + Currently unable to save and load notes via date
    - Because of this it was decided that notes will not be erased upon changing the date
  + Resizing could be handled better. The Calendar is still fully functional after being resized however there is a large blank space in the middle since the Center layout is filler and it expands greatly