Create and build a tool for viewing the class photos taken from Spring 2011. The purpose of a tool like this is to assist with rote rehersal of names and faces so classmates can get to know one another (although this is a bit trivial in a class our size, the principles involved are the same). You can find the pictures you need in the download file for this week.

Functionality required includes:
- Navigation (buttons) for "first" "previous" "next" and "last", feel free to use buttons from the common libraries in flash. It is **highly recommend** that you either tweak existing button assets or develop some of your own because you'll need these skills for your final project.
- Pictures of all the class members available. All photographs should appear in the exact same spot on the stage – (the swap bitmap, which works the same as swap symbol, but for graphics is your friend here). Your pictures should show up in a logical order according to the name (such as alphabetical by first name or by last name).
    o You can find the photos under the **classMedia** folder of the week04.zip file there is a naming convention for each file that should make the first/last name of each class member pretty dang clear.
- The name of each student should appear at the same time as their photograph (have the names appear in the same location as well).
- **Note**. You are free to use your own images, but down the road you'll need to do a version of this that uses video (just fair warning, unless you have your own video you'll hve to do some re-building when we get to that point.

What to Submit
- Deliverables: flash development file (.fla)
- Submit to: course website
- File Naming convention: assignment4{YourName}.fla (so if your name were Sam Walker you would submit assignment4SamWalker.fla).

If you are already well versed in Flash: Try experimenting with arrays in actionscript so you get yourself down to a single edit point for the images, and the names. You should be able to create a project that has only one keyframe. As of Flash 8 multi-dimensional arrays are supported, which should make life much easier than when you had to support parallel arrays (so a 2-d array should do wonders for you, one dimension for the name, another for the image).

A slightly less intense version might involve a movieClip of names photos and a randomized array of frame numbers to jump to.

A different take is to do an interactive seating chart, make a custom component that can hold a photo, a name, and a number (say from numbered machines in a lab). When you mouse over each component it will flash the relevant name/number of each student somewhere on the screen. Perhaps offering an enlargment of the photo too.

Assessment Rubric

Your assignment will be assessed using the following rubric:

Criteria	Points
Do you use a consistent naming convention for symbols, and pseudo-symbols—in this case the image bitmaps? Did all of your layers have a meaningful name? (e.g. "layer 1" is not an option)	1 points
Is your project easy to change and update? (hint: you should have **only the number of instances you absolutely need for each symbol**).	2 points
Do you have a well organized timeline (related layers are near each other, elements are where they are promised— e.g. student photos are in the pictures layer, not the buttons layer).	2 points
Are all of the required elements (see above) present and working correctly?	4 points
Is the assignment personalized (e.g. not a reproduction of the spoiler video).	1 point
Total	10 points