**Optimizing and Editing Photos using Fireworks and Dreamweaver
– Roundtrip Photo Editing**

I.   Photographs – How to get them?
- Camera
- Scanner

II.   Defining terms
- Photos are configured by image size and resolution.
- Resolution is made up of connecting dots called **Pixels.**
- The word Pixel stands for Picture Element.
- Most computer monitors see **72** pixels per inch or 72dpi

III.   Why optimize photos
- Highest possible screen resolution
- Lowest file size (loads faster)

IV.   Optimizing photos with Fireworks
- In fireworks go to Modify; canvas; image size
    1. In Print Size you can change your size in percent, inches or centimeters. The height and width are linked (if you change one the other will automatically change to conform to the proportions. If you don't want this function you can uncheck the **Constraint Proportions** box.
    2. Resolution should be set at 72 pixels per inch

- In Fireworks go to Modify; canvas; image size
    1. Using pixels, centimeters or inches you can set the size of the canvas.
        - This will allow you to add additional pictures to the same canvas.

V.   Using the Optimizing Window
- If you do not have the optimizing window you can go to Window; optimize
- Under settings you can change to the GIF or JPEG that is optimal for your needs.
    i. Choosing an image format
        1. GIF – images are generally used for line art and images with solid colors. They can contain transparent areas and can be used for animation files.
            - Disadvantage – they are restricted to 256 colors

        2. JPEG – are used for photographic images or images with gradients and more colors.
            - Disadvantage – they cannot be transparent or used in animations.
- If you go click on preview (a tab below the tool bar) you will be able to preview the picture in the format selected.
- Click on 2-up or 4-up to look at 2 or 4 different previews of the picture. They will also show the size and speed of the picture.