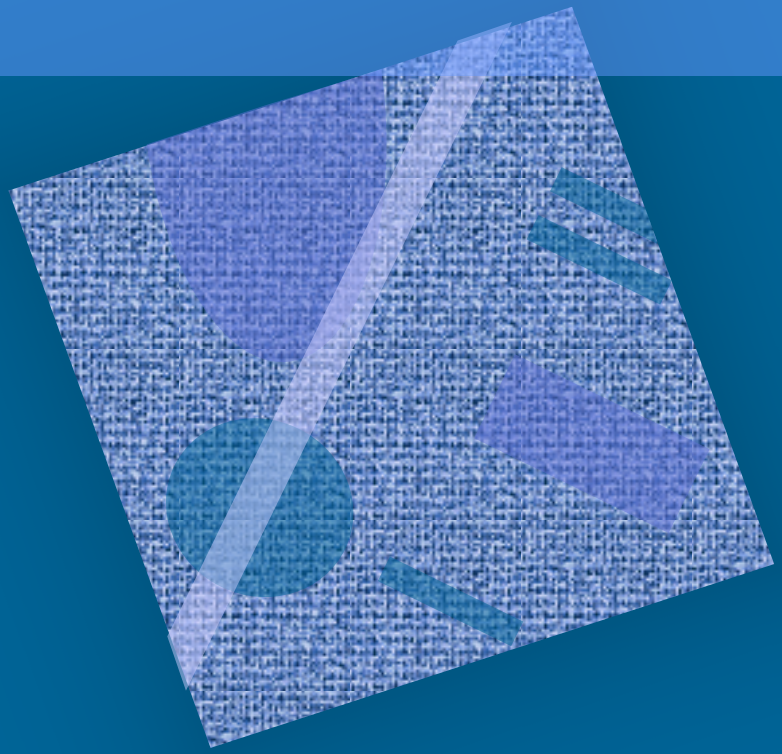
COMS 359: Interactive Media

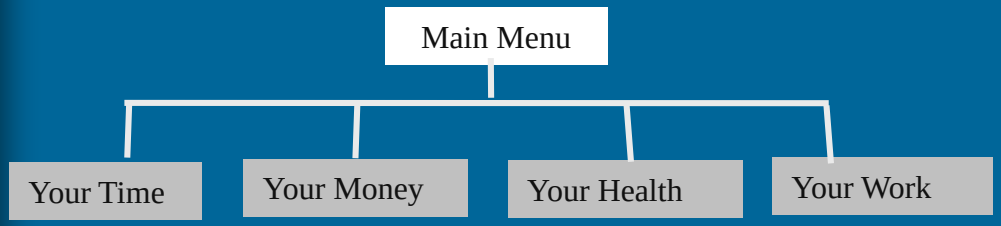


Agenda

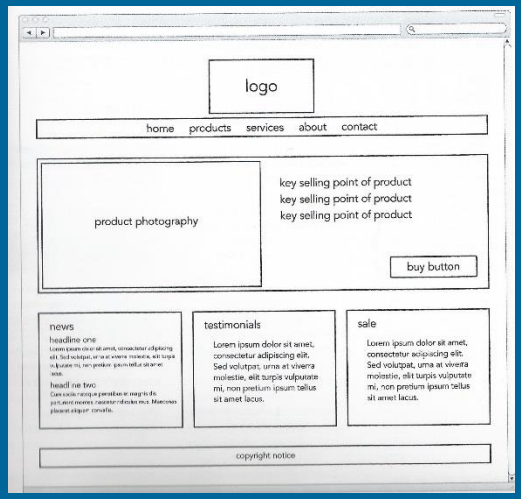
- Review
- Project Planning
- Photoshop
- Preview

Project Planning

Site Map



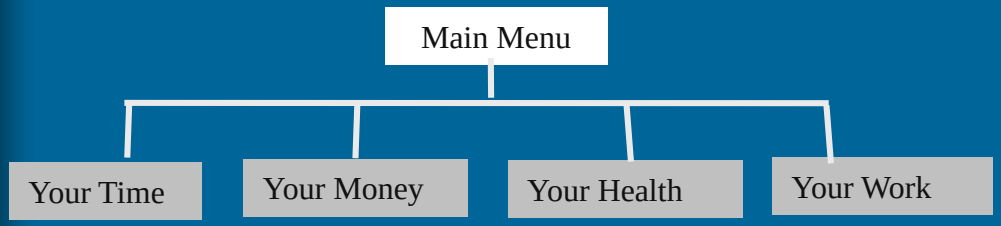
Wireframe



- Requirement for Project #2
- Communication and project management tool
- Review and supply comments (if necessary)

Project Planning

Site Map

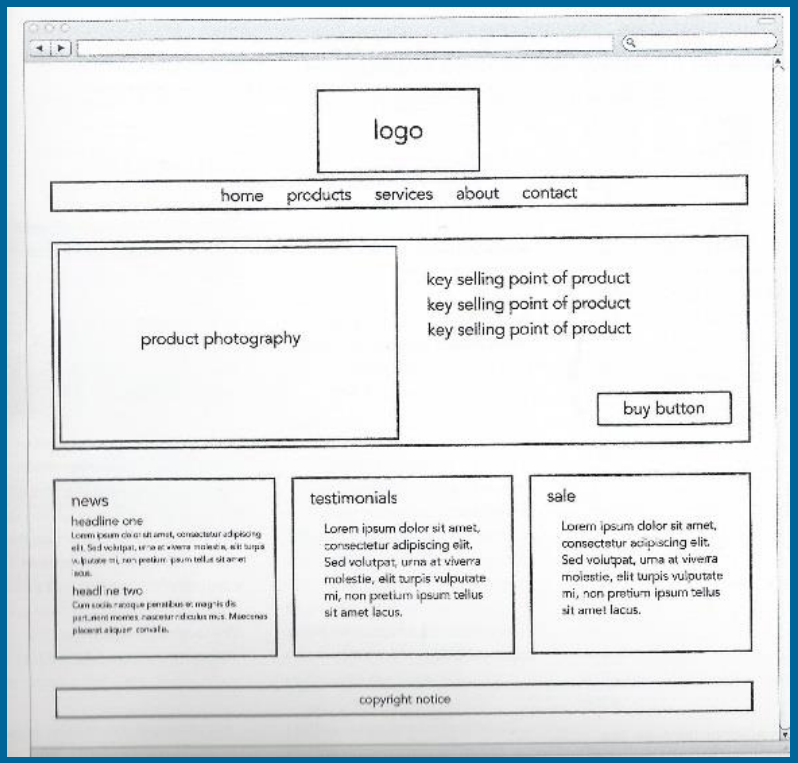


"The aim is to create a diagram of the pages that will be used to structure the site. This is known as a site map and it will show how those pages can be grouped" (Duckett, p. 461)

Project Planning

Wireframe

"A wireframe is a simple sketch of the key information that needs to go on each page of a site. It shows the hierarchy of the information and how much space it might require" (Duckett, p. 463).



1 April 2019

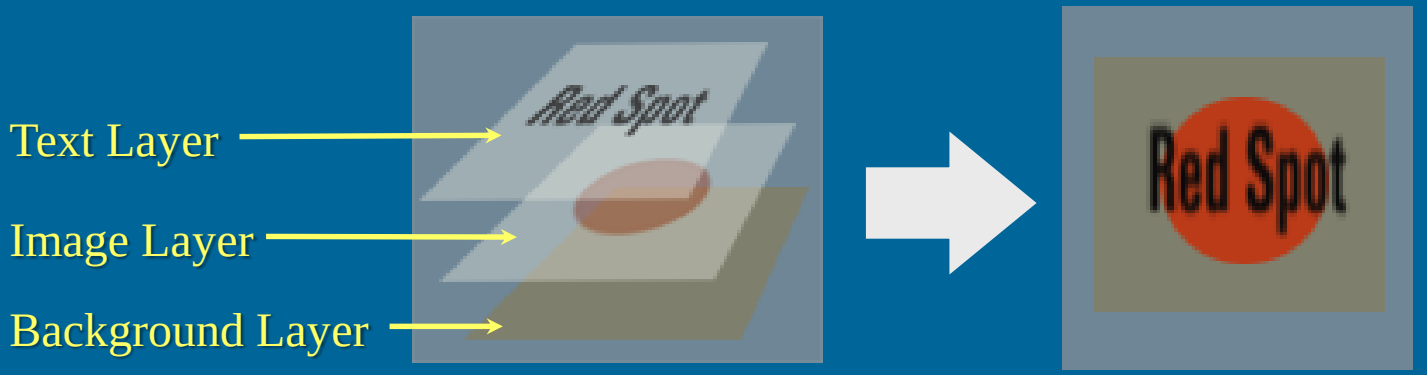
Sitemap & Wireframe

PhotoShop

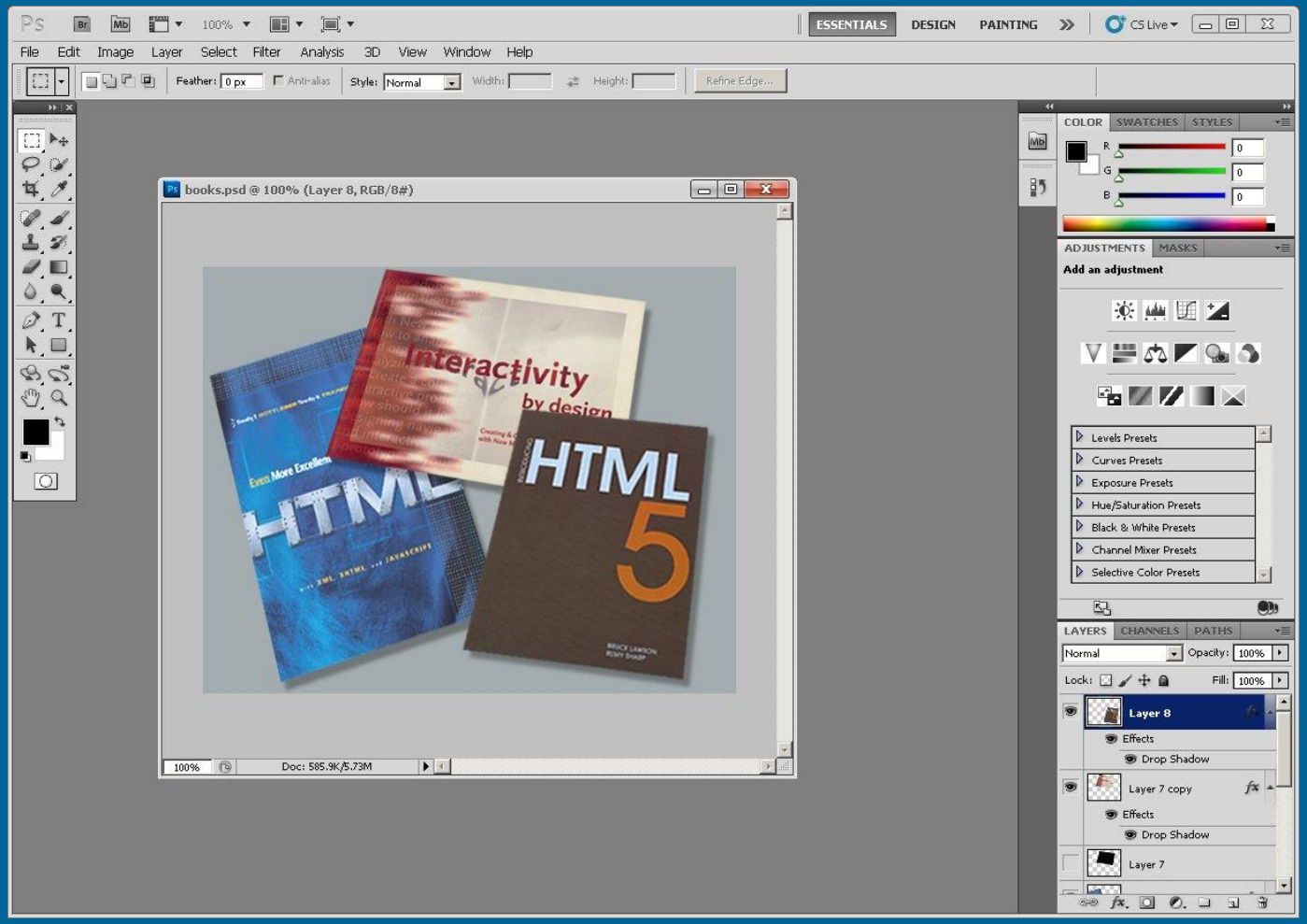
- Introduction
  - PhotoShop is image processing software
  - Use it to manipulate still images and create icons, buttons, backgrounds, etc.
  - Industry standard in digital media for image processing

PhotoShop

- Introduction
  - PhotoShop works on the principles of layers
  - A completed PhotoShop image is made up of numerous layers
  - Analogy = collage

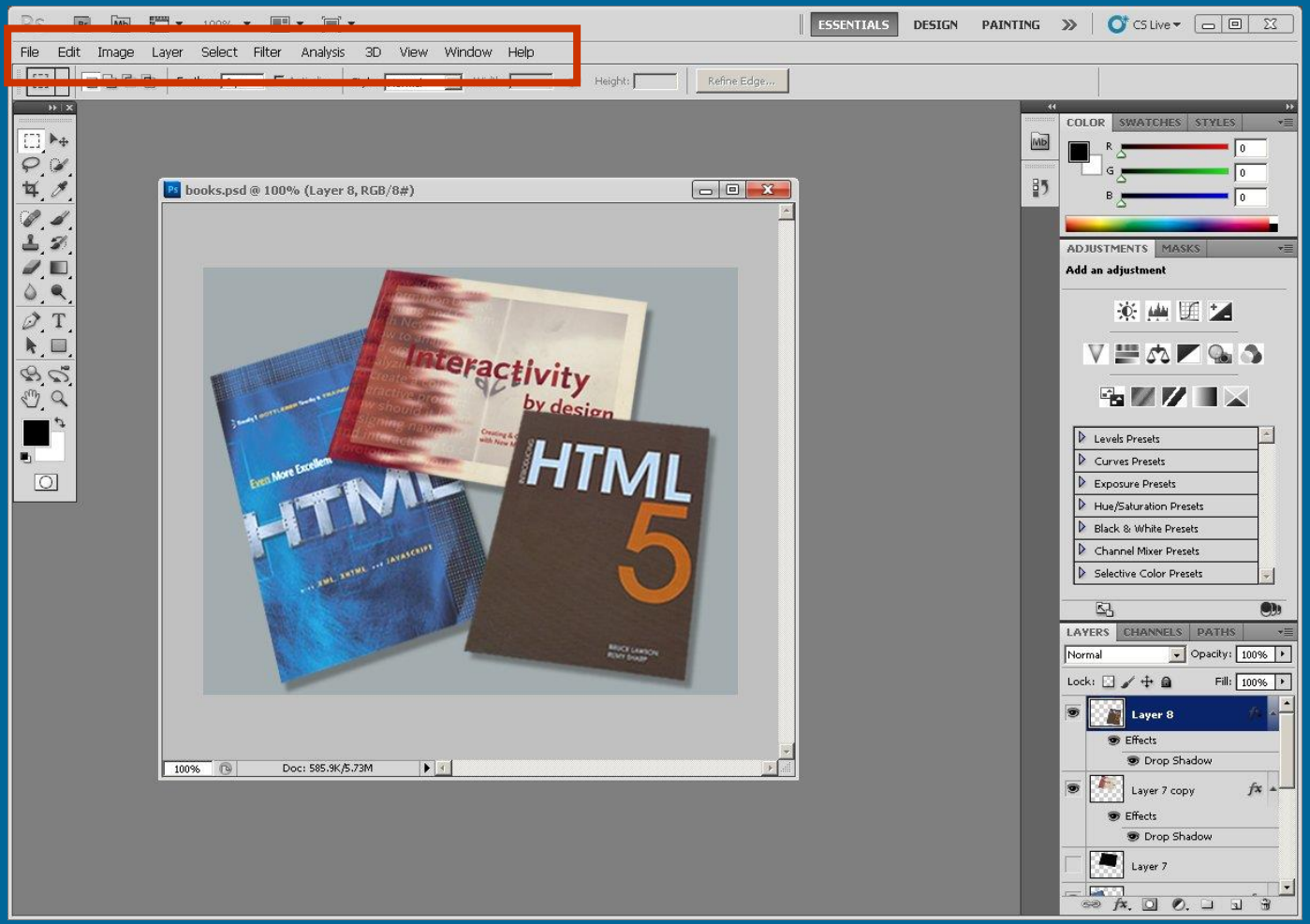


PhotoShop

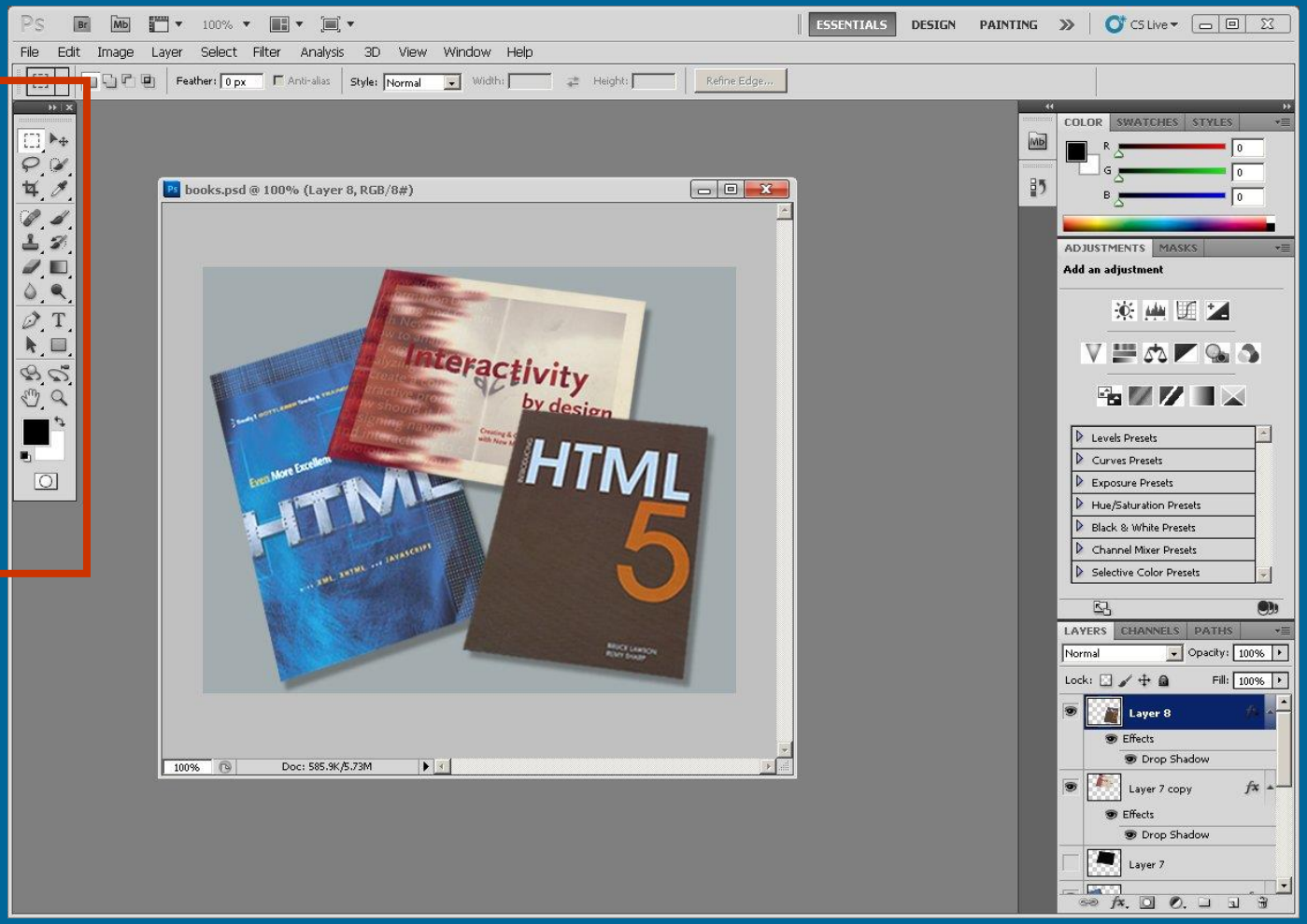

ESSENTIALS
DESIGN
PAINTING
File Edit Image Layer Select Filter Analysis 3D View Window Help
books.psd @ 100% (Layer 8, RGB/8#)
Interactivity by design
HTML
HTML 5
100%
Doc: 585.9K/5.73M
COLOR SWATCHES STYLES
ADJUSTMENTS MASKS
Add an adjustment
Levels Presets
Curves Presets
Exposure Presets
Hue/Saturation Presets
Black & White Presets
Channel Mixer Presets
Selective Color Presets
LAYERS CHANNELS PATHS
Normal
Opacity: 100%
Fill: 100%
Layer 8
Effects
Drop Shadow
Layer 7 copy
Effects
Drop Shadow
Layer 7

File Edit Image Layer Select Filter Analysis 3D View Window Help

Pull down menus



Tools


ESSENTIALS
DESIGN
PAINTING
File Edit Image Layer Select Filter Analysis 3D View Window Help
books.psd @ 100% (Layer 8, RGB/8#)
Interactivity by design
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COLOR SWATCHES STYLES
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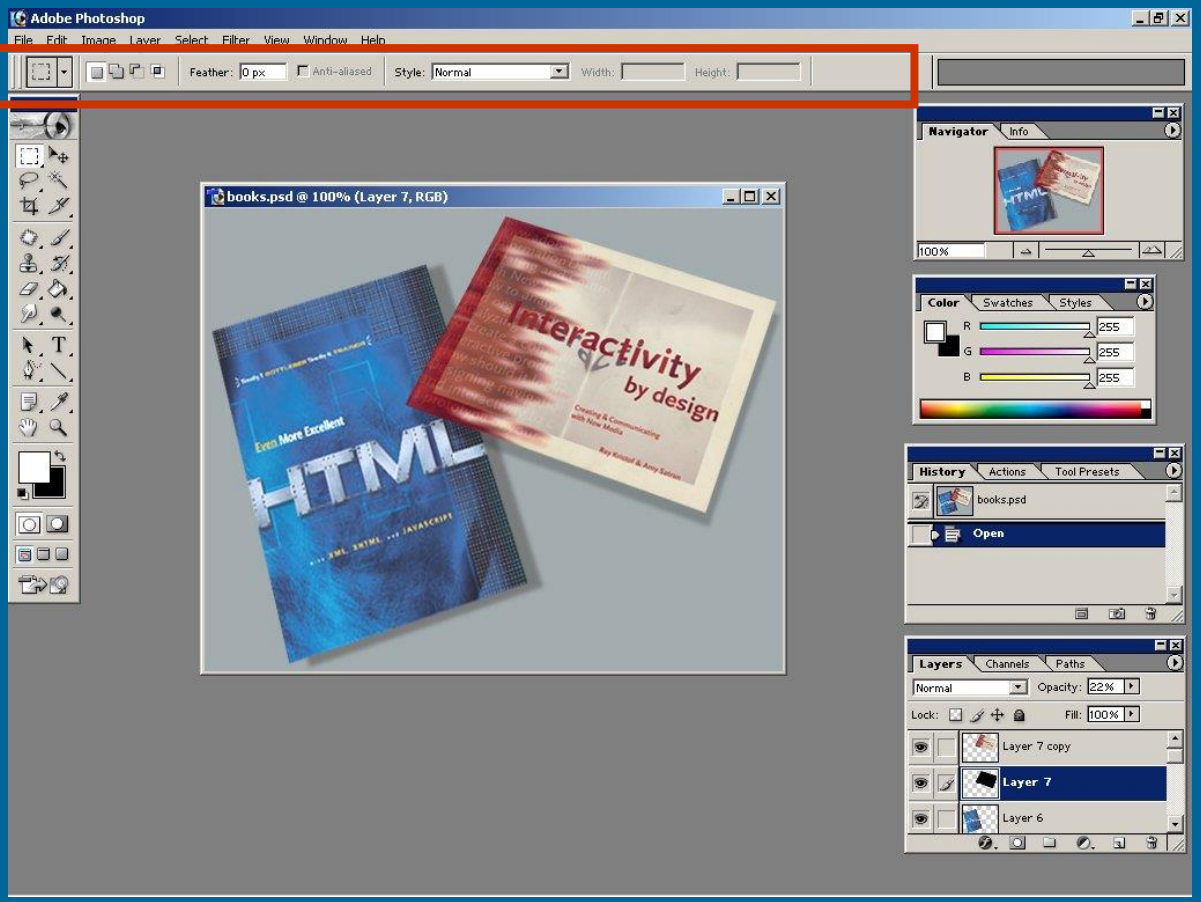
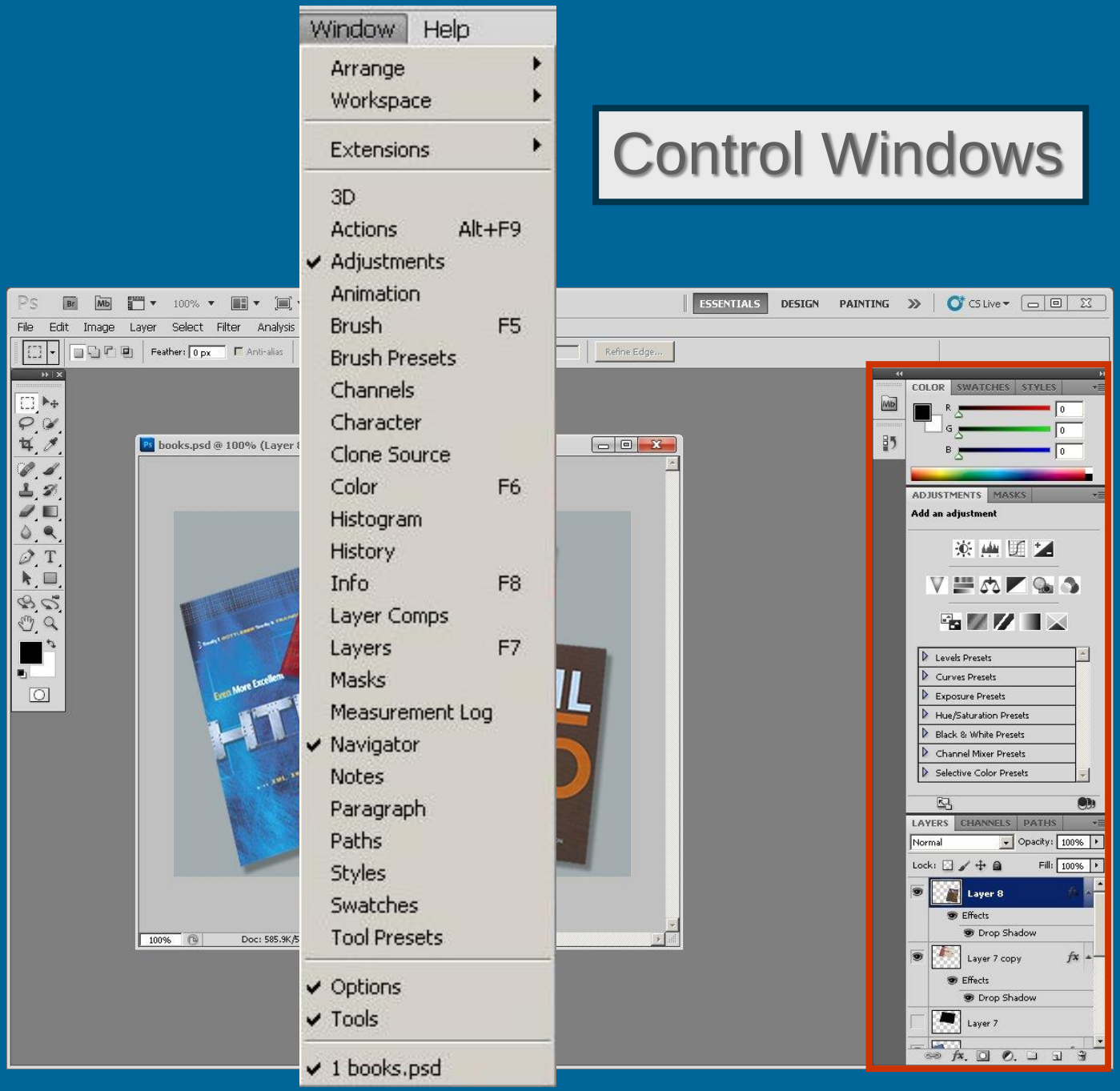
Channel Mixer Presets
Selective Color Presets
LAYERS CHANNELS PATHS
Layer 8
Effects
Drop Shadow
Layer 7 copy
Effects
Drop Shadow
Layer 7

Tool Options

(used to adjust the features of the various tools)

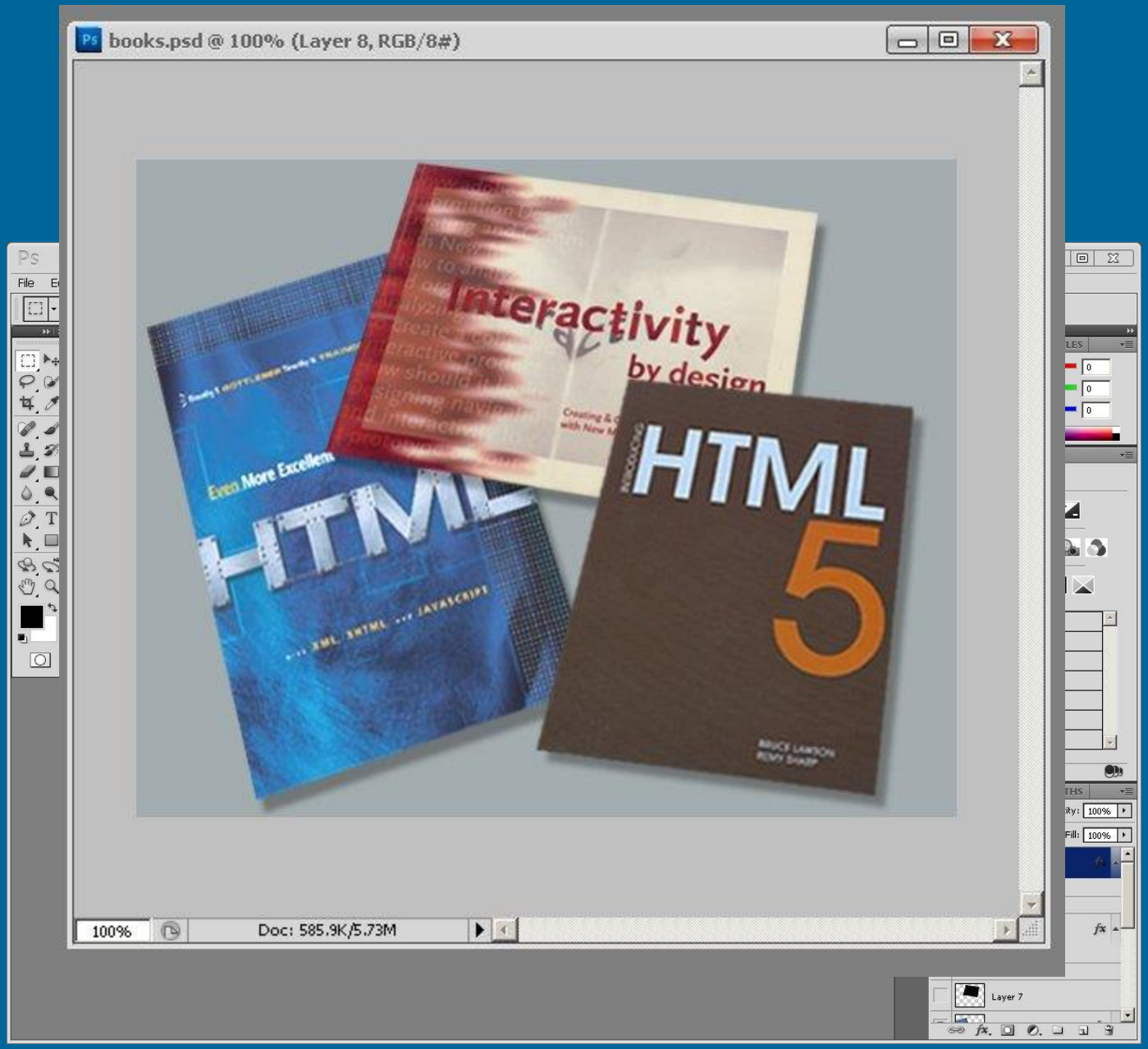


Control Windows



Control Windows

Work Area


books.psd @ 100% (Layer 8, RGB/8#)
Interactivity
by design
HTML
5
100%
Doc: 585.9K/5.73M
Layer 7

Using PhotoShop

- Tasks
  - Basic Image Processing
  - Text Graphics
  - Buttons

Image Processing

- *Image – Mode*

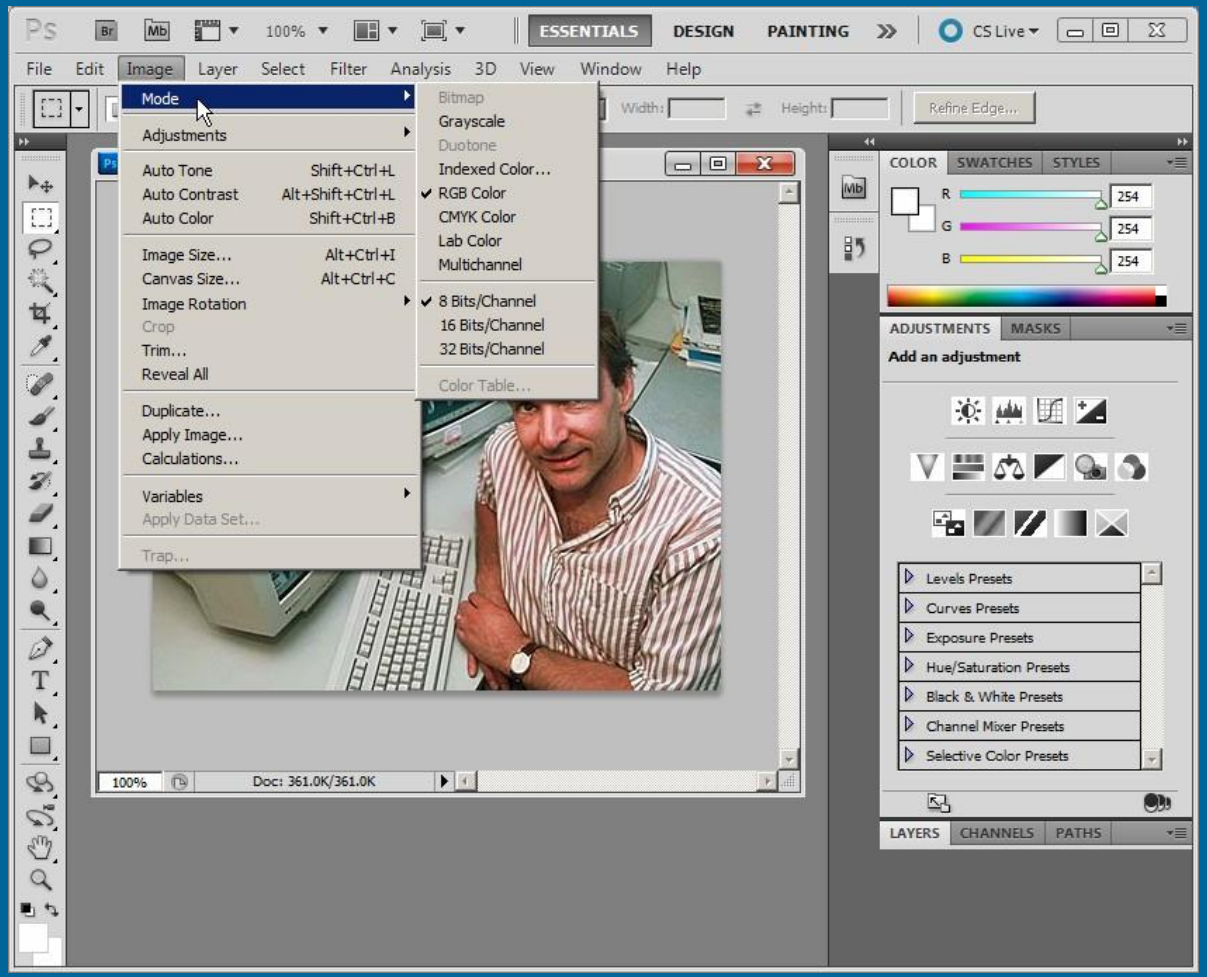


Image Processing

- *Image – Adjustments*

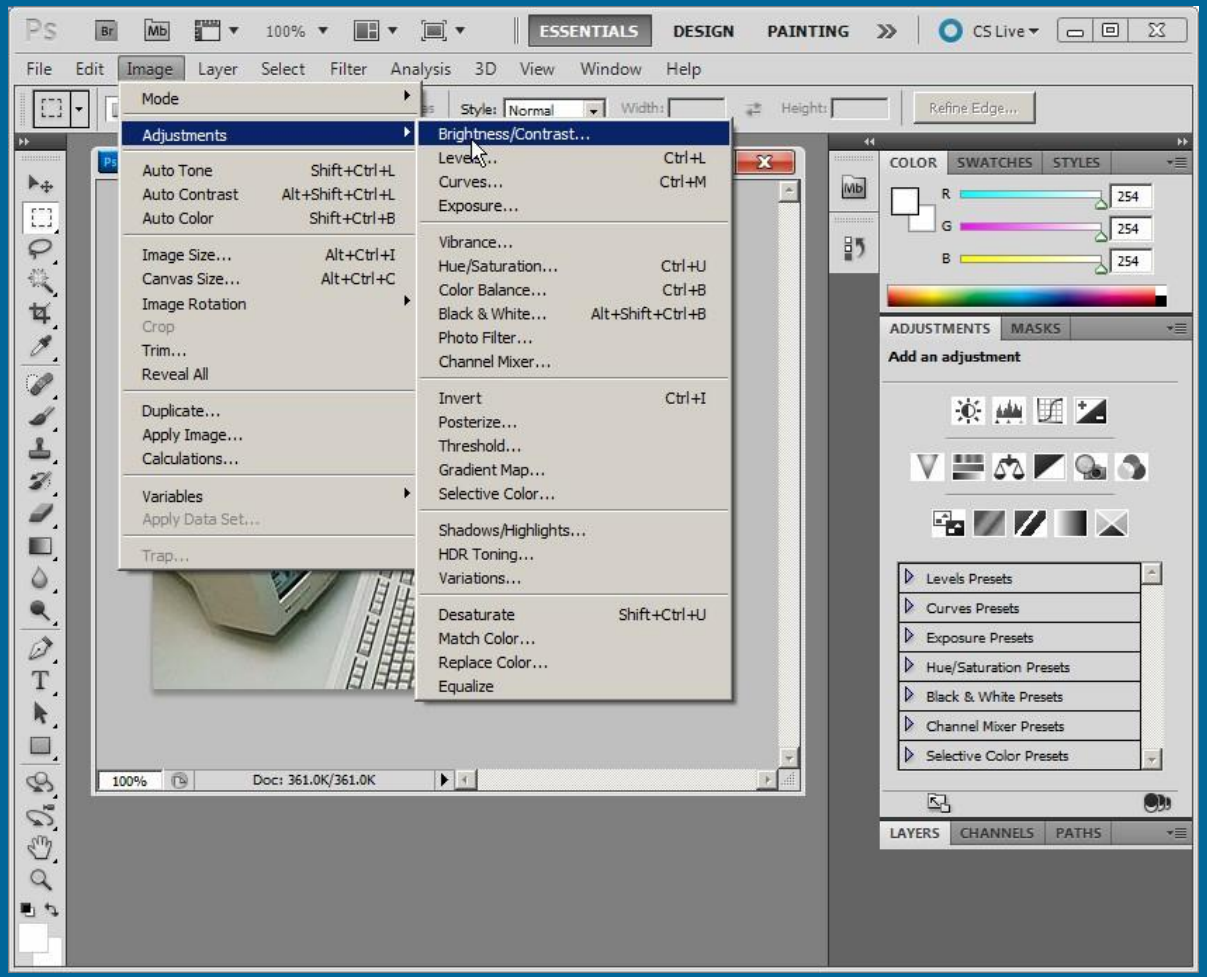


Image Processing

- *Image – Adjustments*

Brightness & Contrast

Hue & Saturation

Color Balance

Invert

Posterize

Threshold

Image Processing

- *Image Size & Canvas Size*

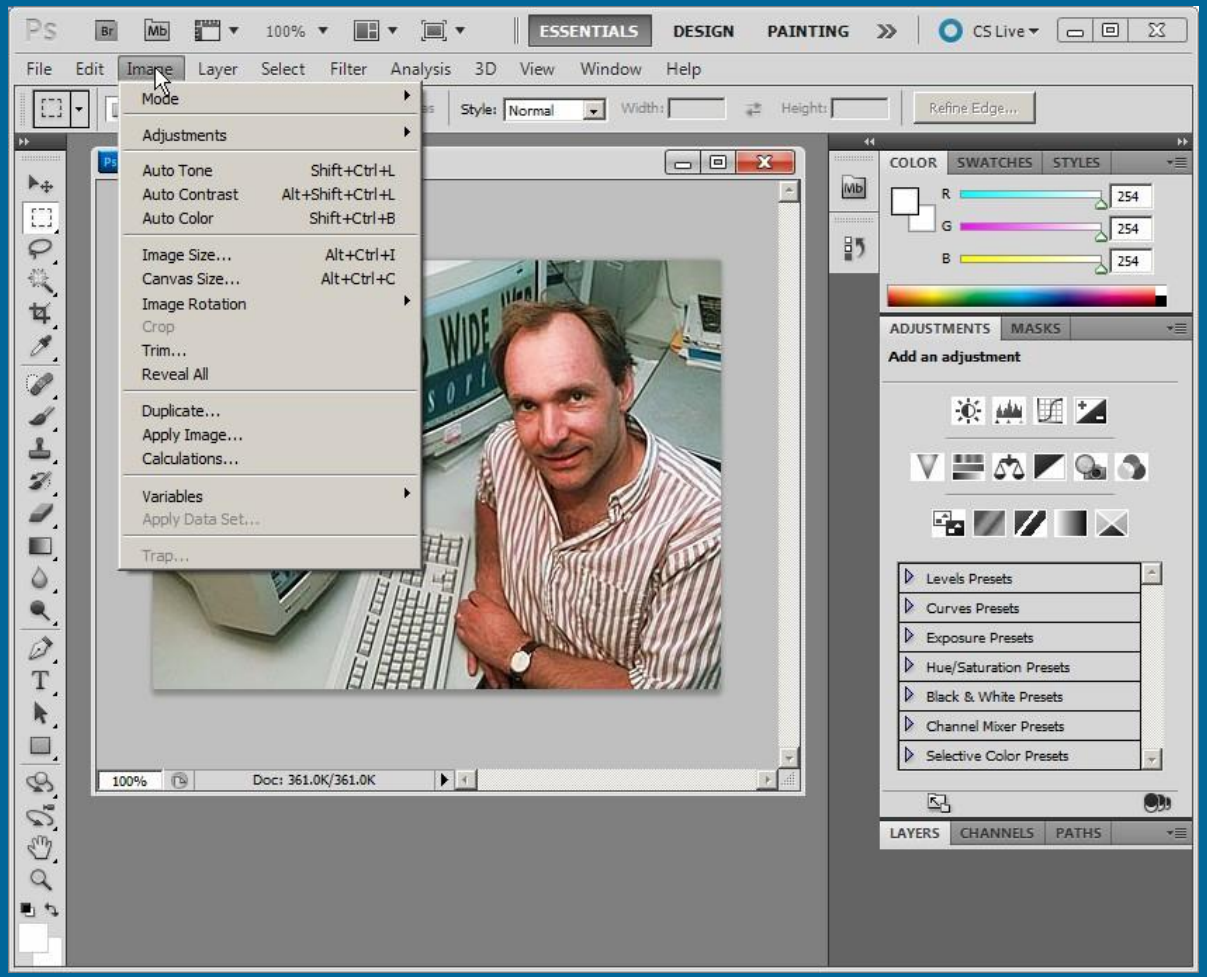


Image Processing

- *Image Size & Canvas Size*

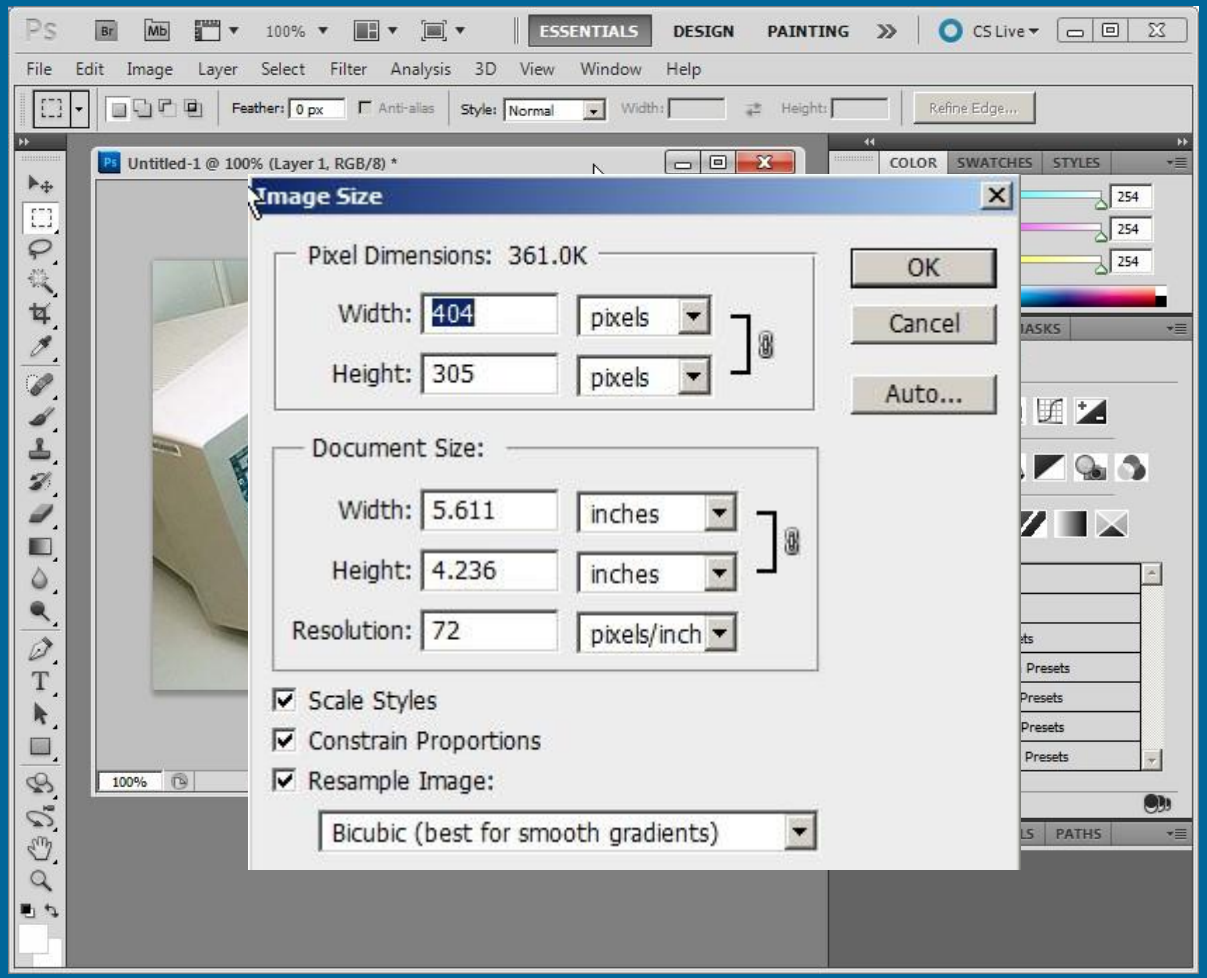


Image Processing

- *Image Size & Canvas Size*

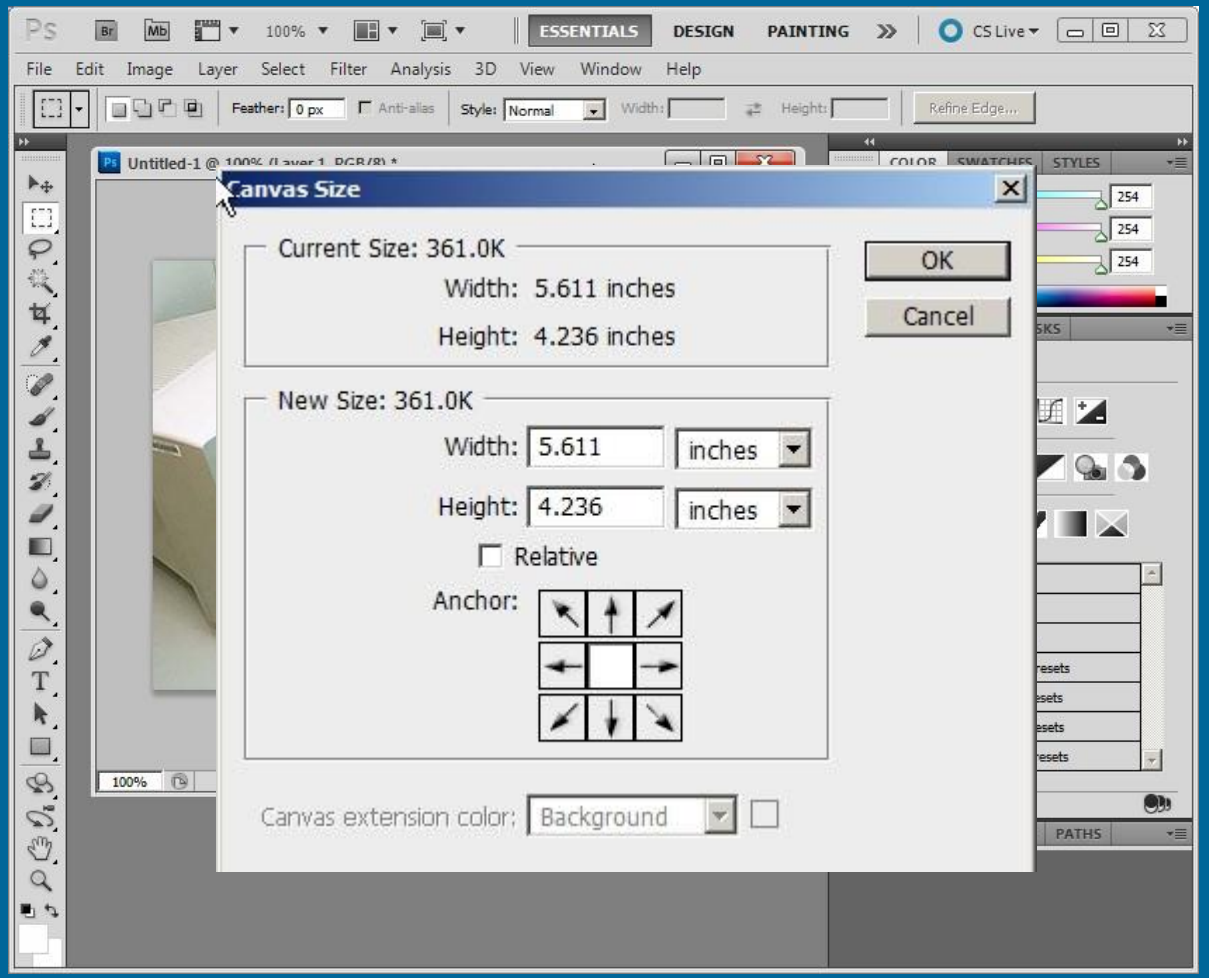


Image Processing

- *Image Size & Canvas Size*

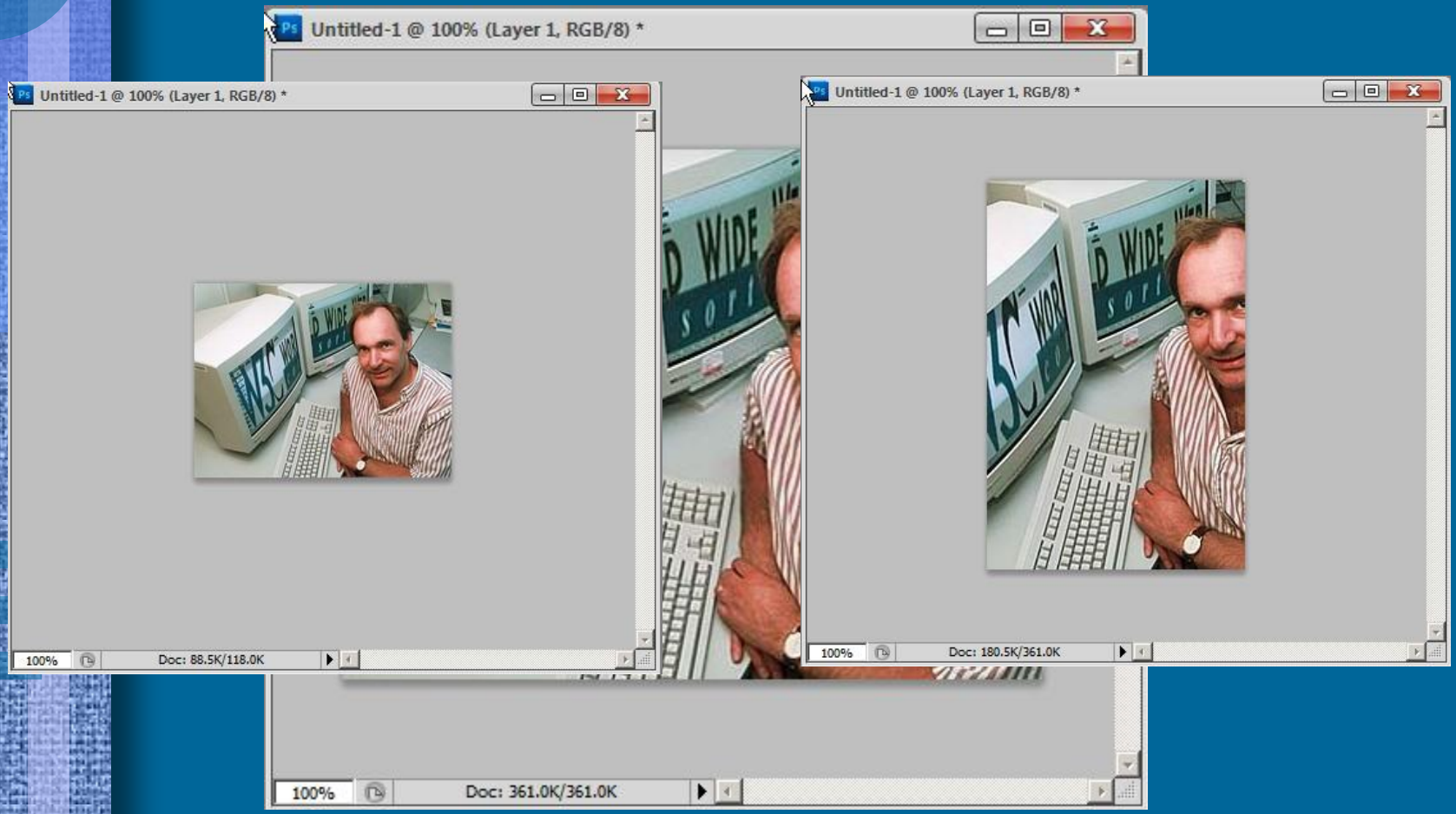


Image Processing

- *Image – Rotation*

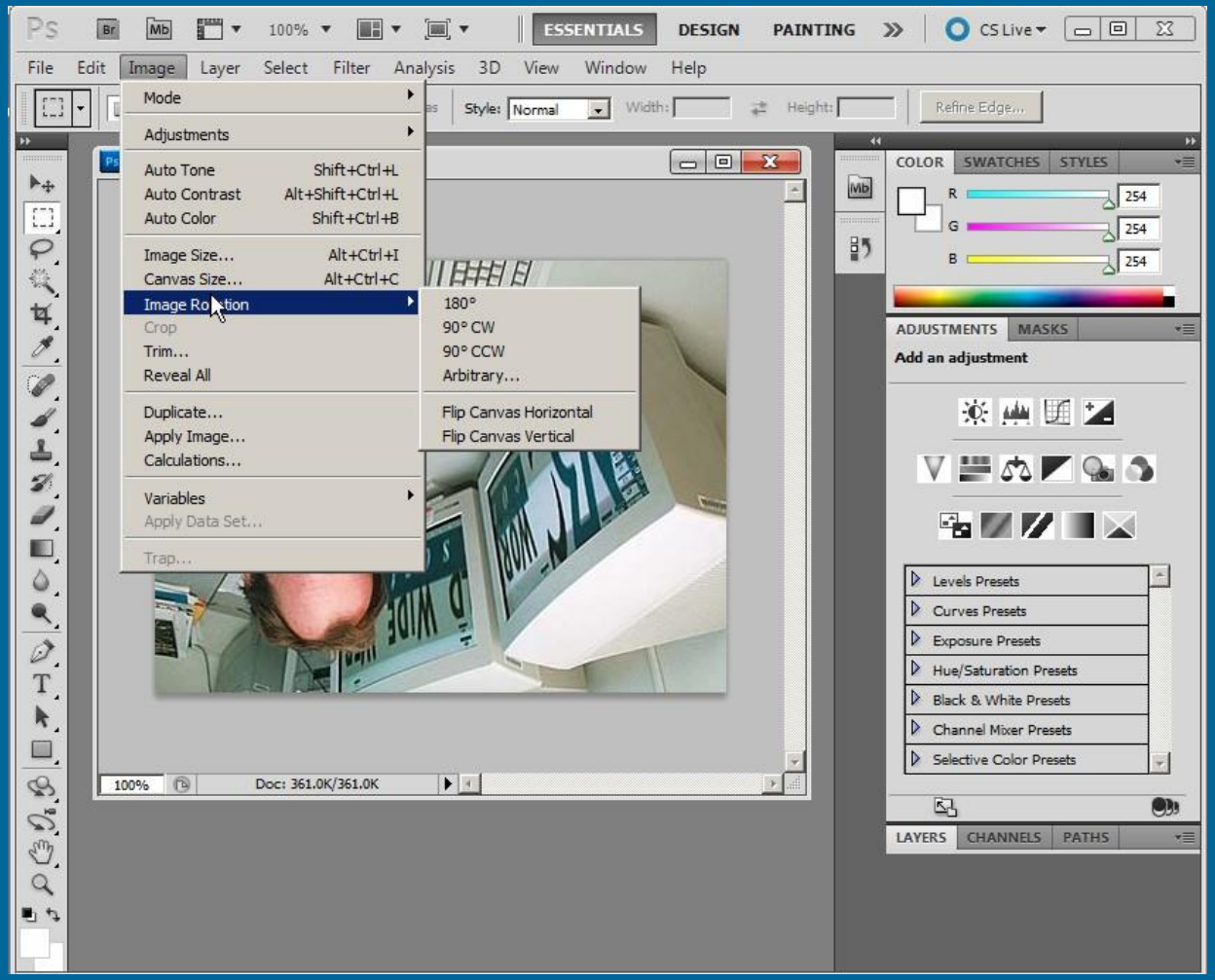


Image Processing

- *Filter*

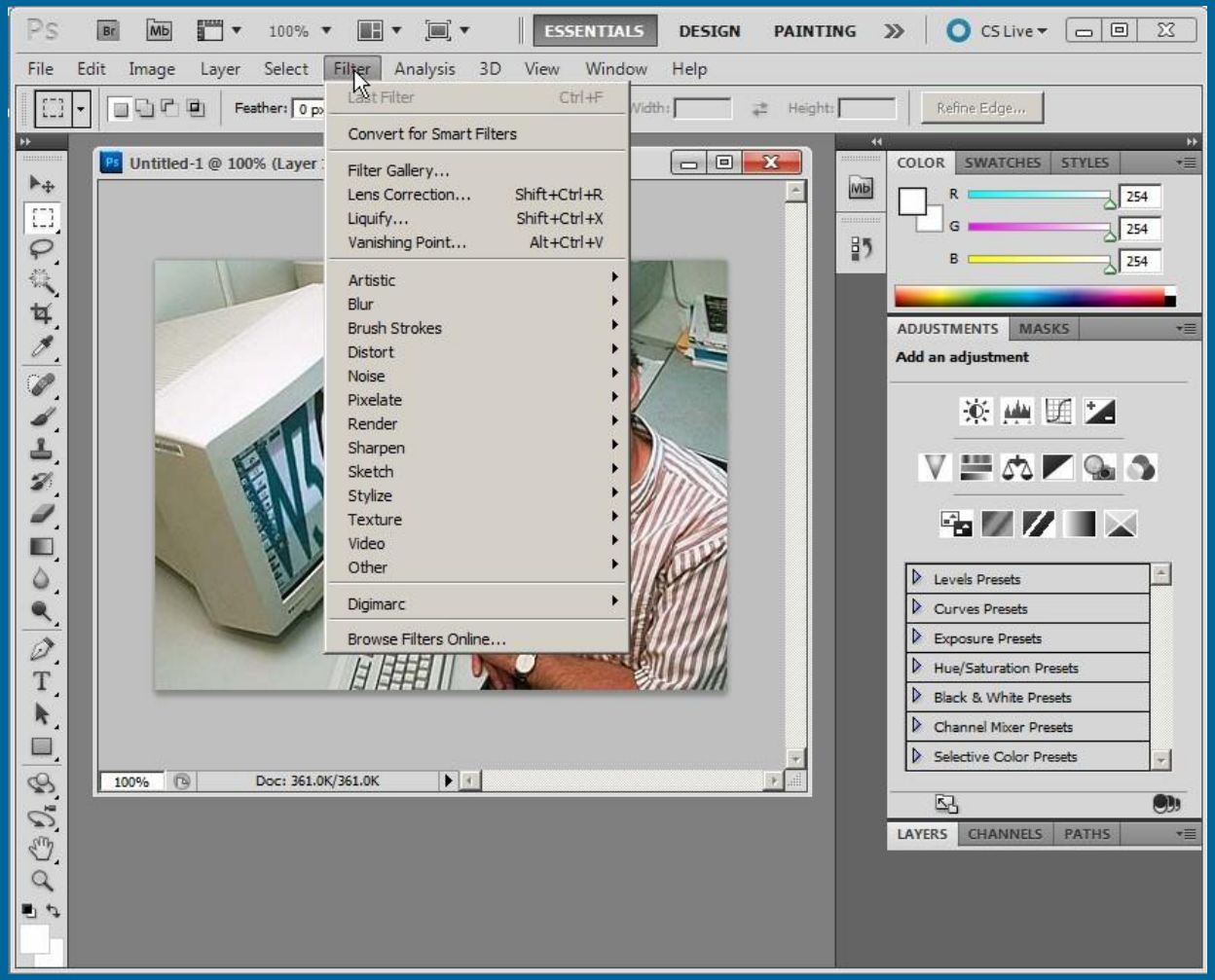


Image Processing

- *Filter*

Colored Pencil

Motion Blur

Crystalize

Distort - Glass

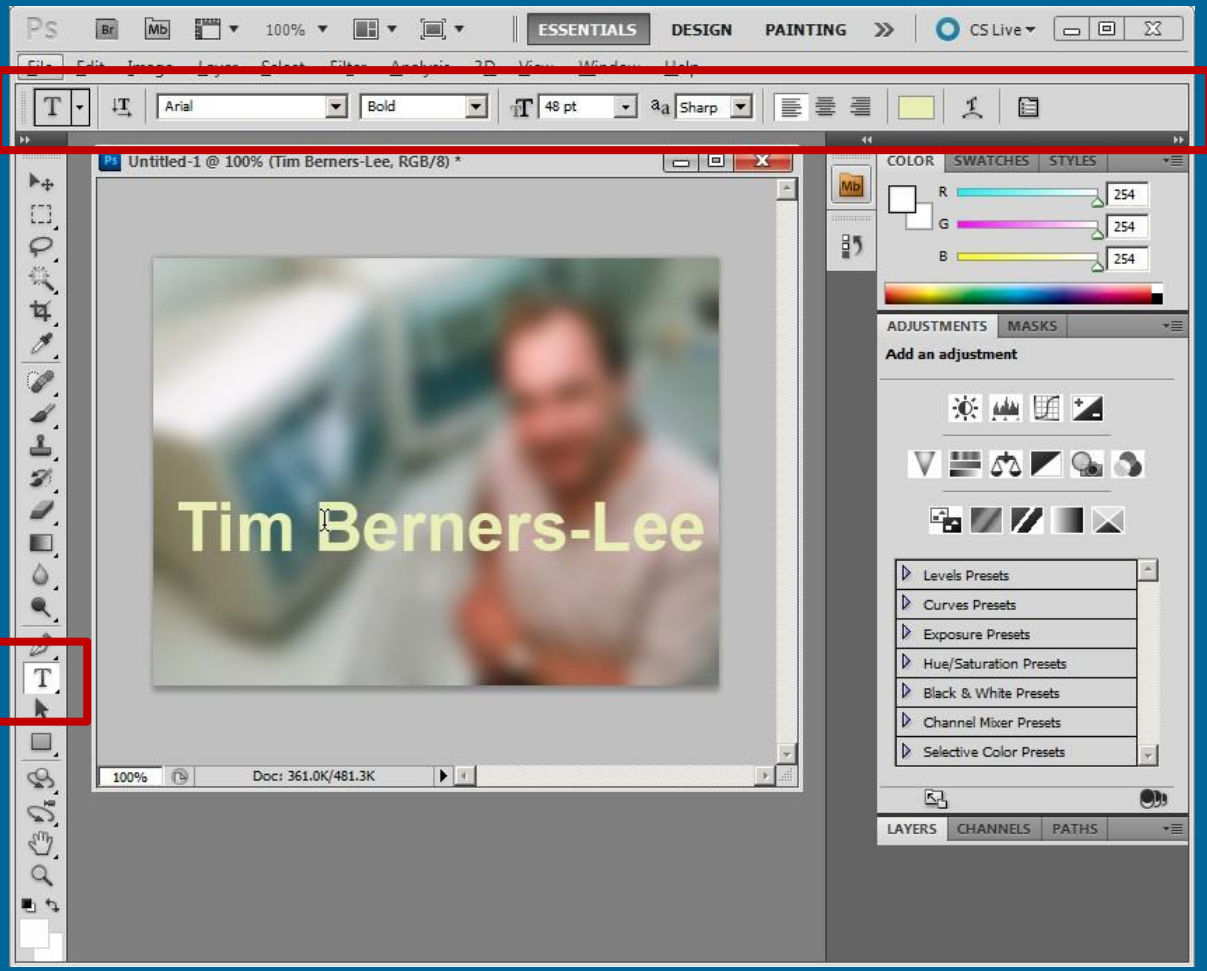
Stained Glass

Embossed

Image Processing

- Text Layer

Tool Options



Text Tool

Exercise – Add a text layer

Image Processing

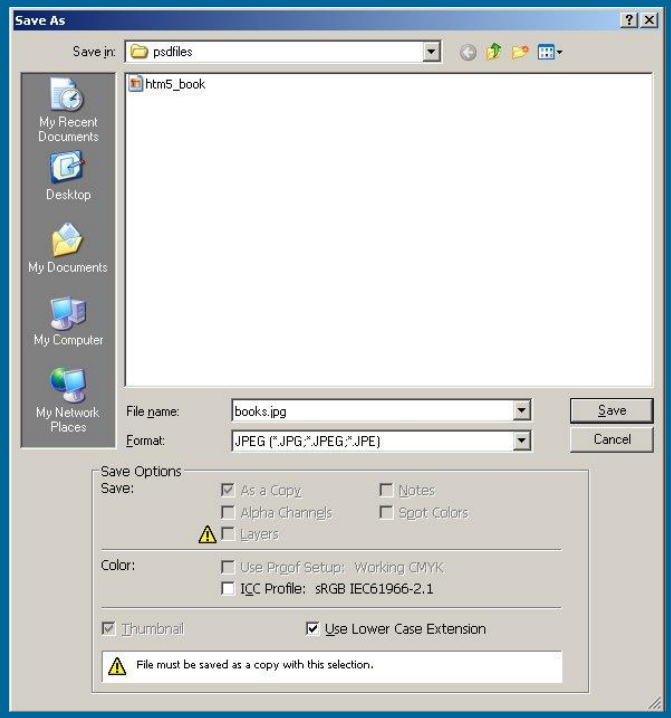
- Exercise - Alter an image
  - Change mode
  - Alter image features (brightness, contrast, color, etc.)
  - Change size of image or canvas
  - Use filters to create special effects
  - Add Text

Original

Altered

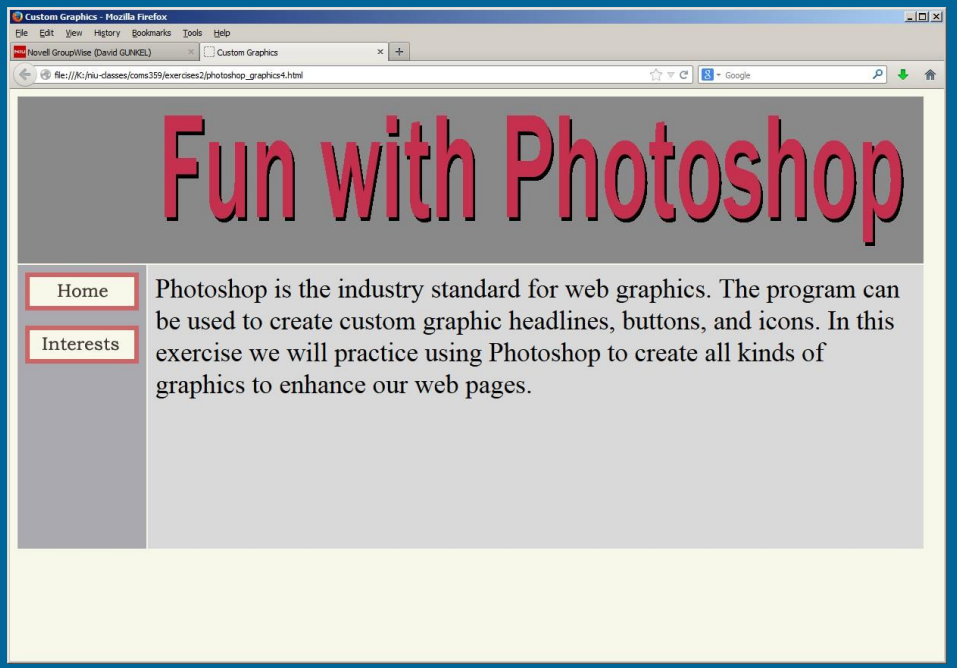
Image Processing

- Saving your new Image
  - "Save As" PSD
    - PhotoShop PSD format
    - Retains layers for future editing
  - "Save As" GIF or JPG
    - Save GIF or JPG for web distribution
    - Does not retain PhotoShop layers



Next Step

- Use PhotoShop for Web Design
  - GIF Headlines
  - JPG Buttons

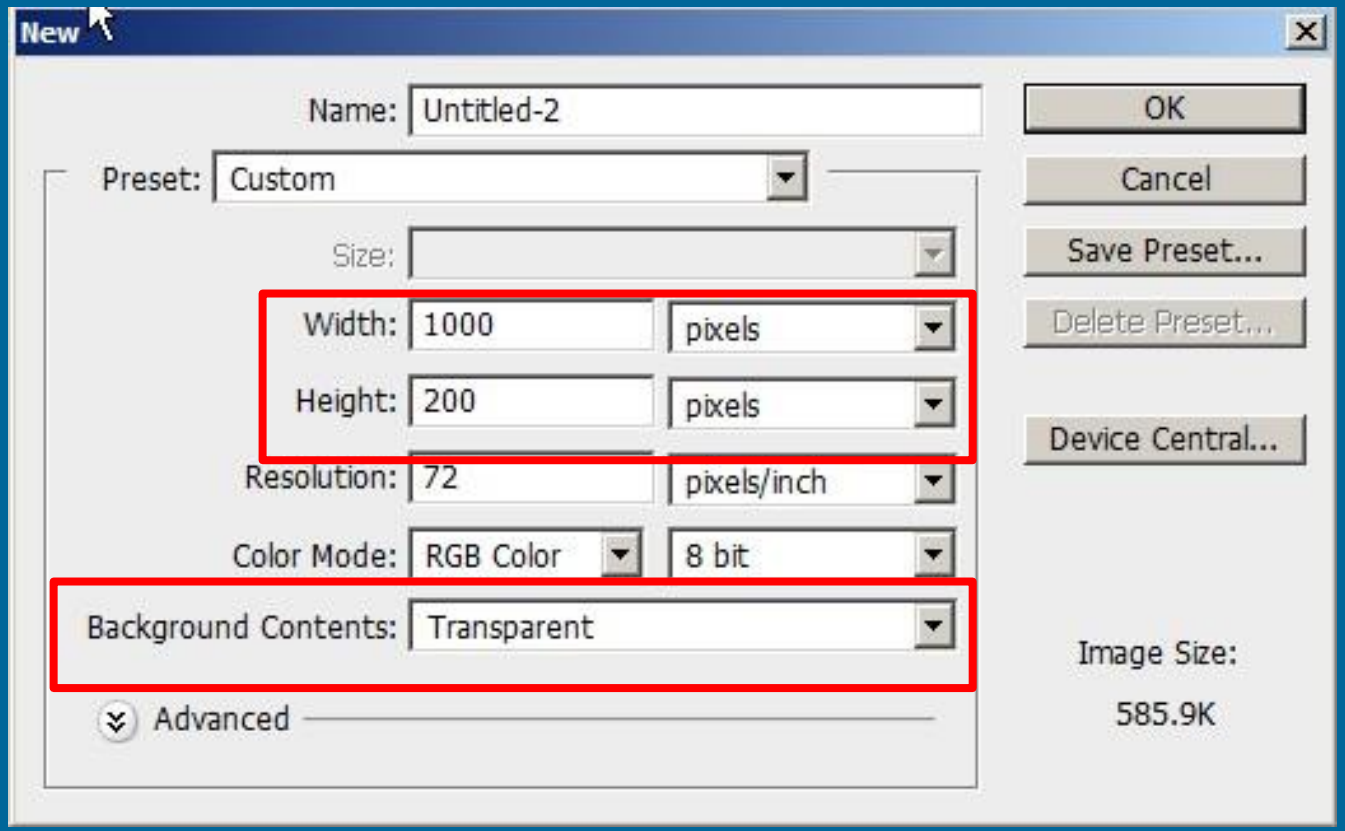


Text Graphics

- Creating text graphics
  - Problem: Text headings in HTML have a limited set of possible appearances (Font, Size, Orientation, etc). Use PhotoShop to create graphical headlines that look better than HTML generated text
  - Procedure: Make graphical headlines in PhotoShop and save them as transparent GIFs for inclusion in web documents

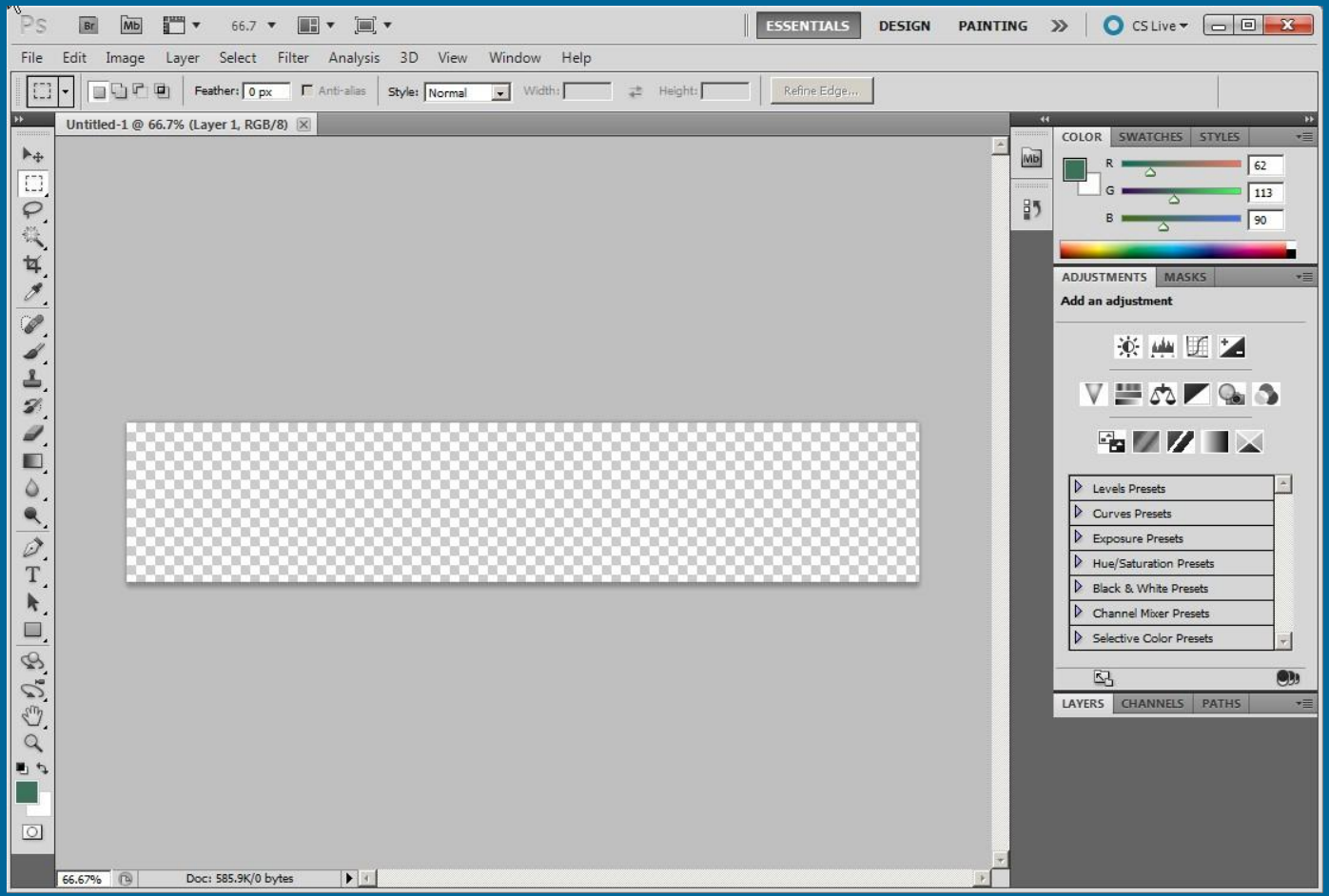
Text Graphics

- Procedure



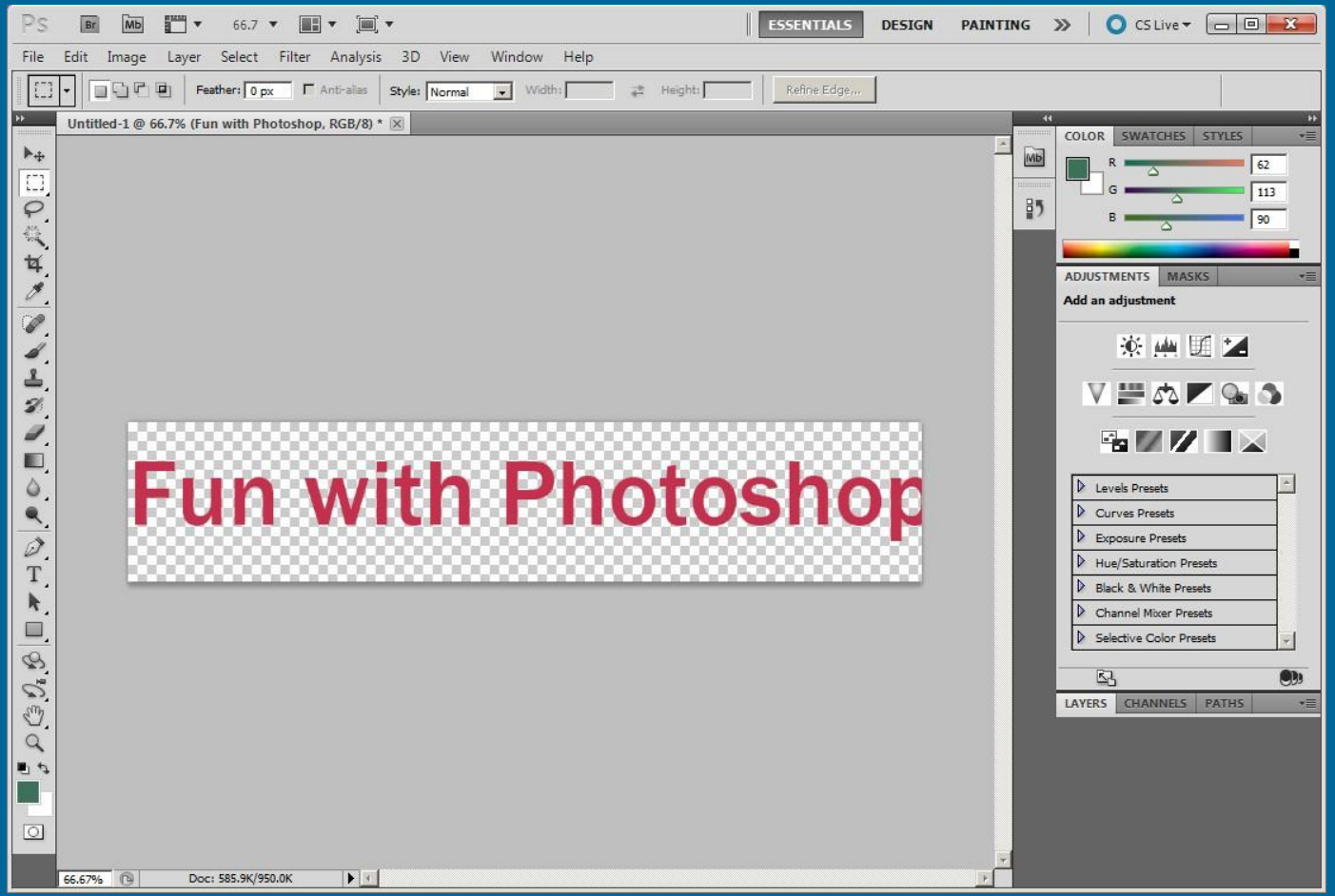
Text Graphics

- Add Text – Use text tool



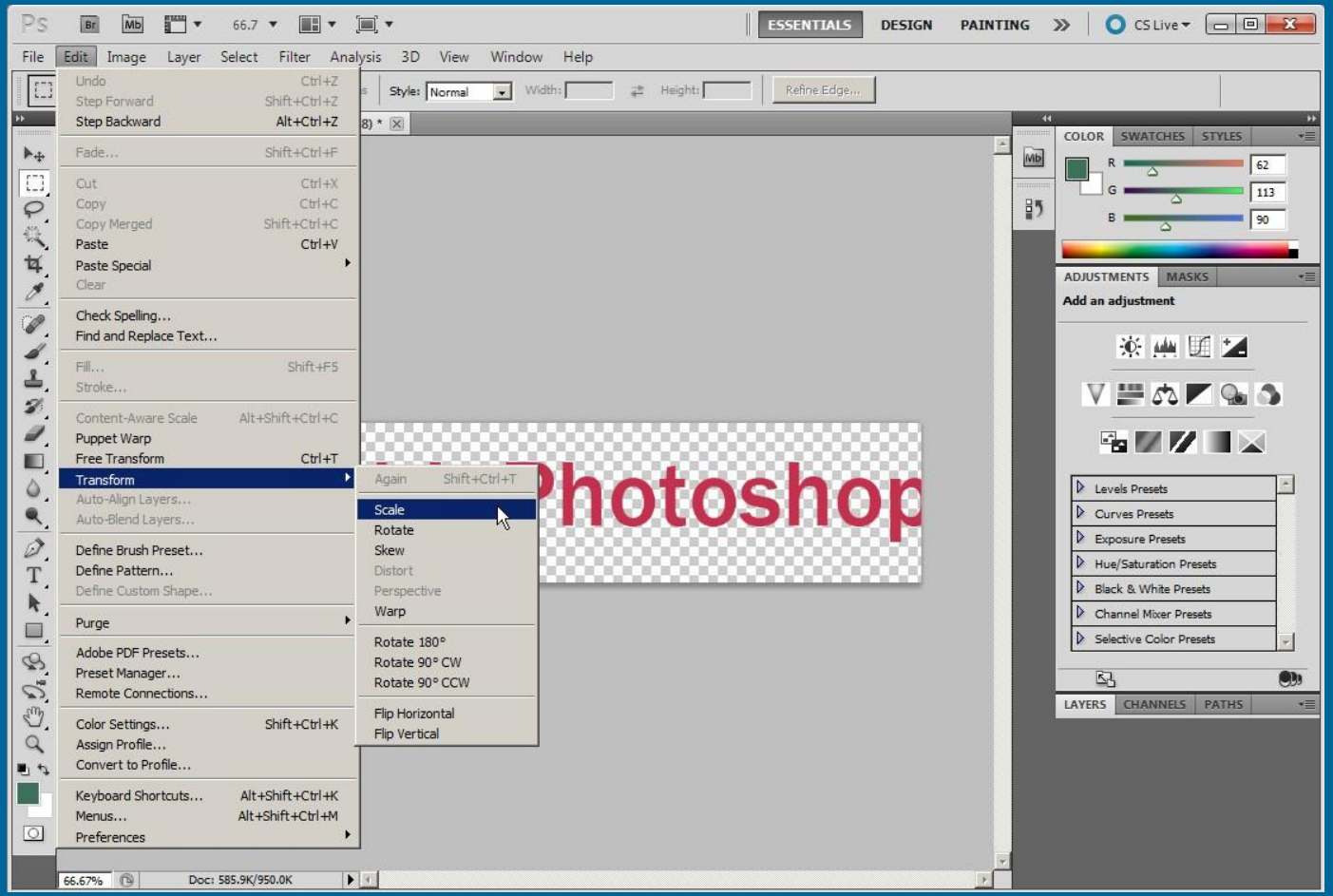
Text Graphics

- Add Text – Use text tool



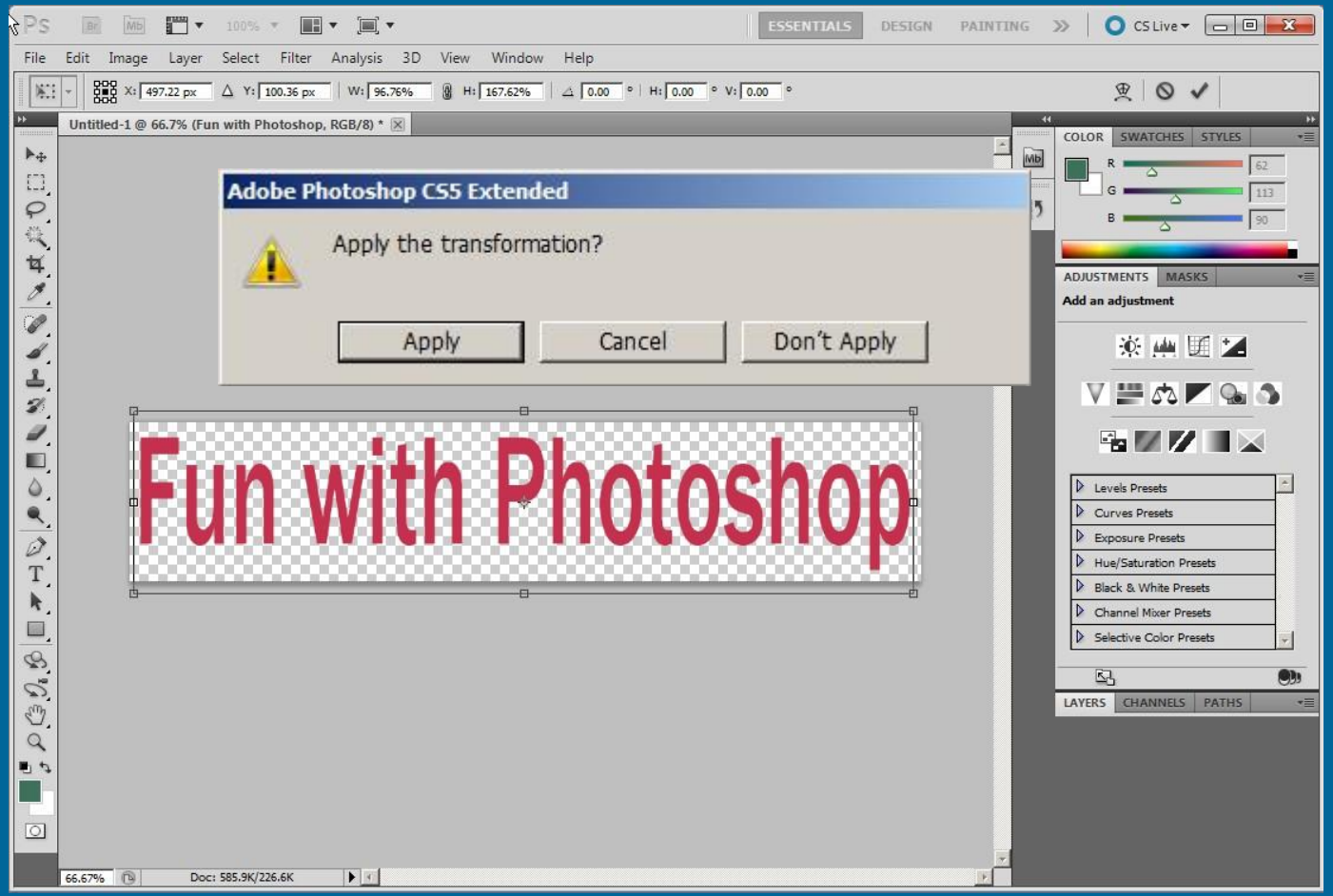
Text Graphics

- Adjust Text – *Edit/Transform/Scale*



Text Graphics

- Adjust Text – *Edit/Transform/Scale*



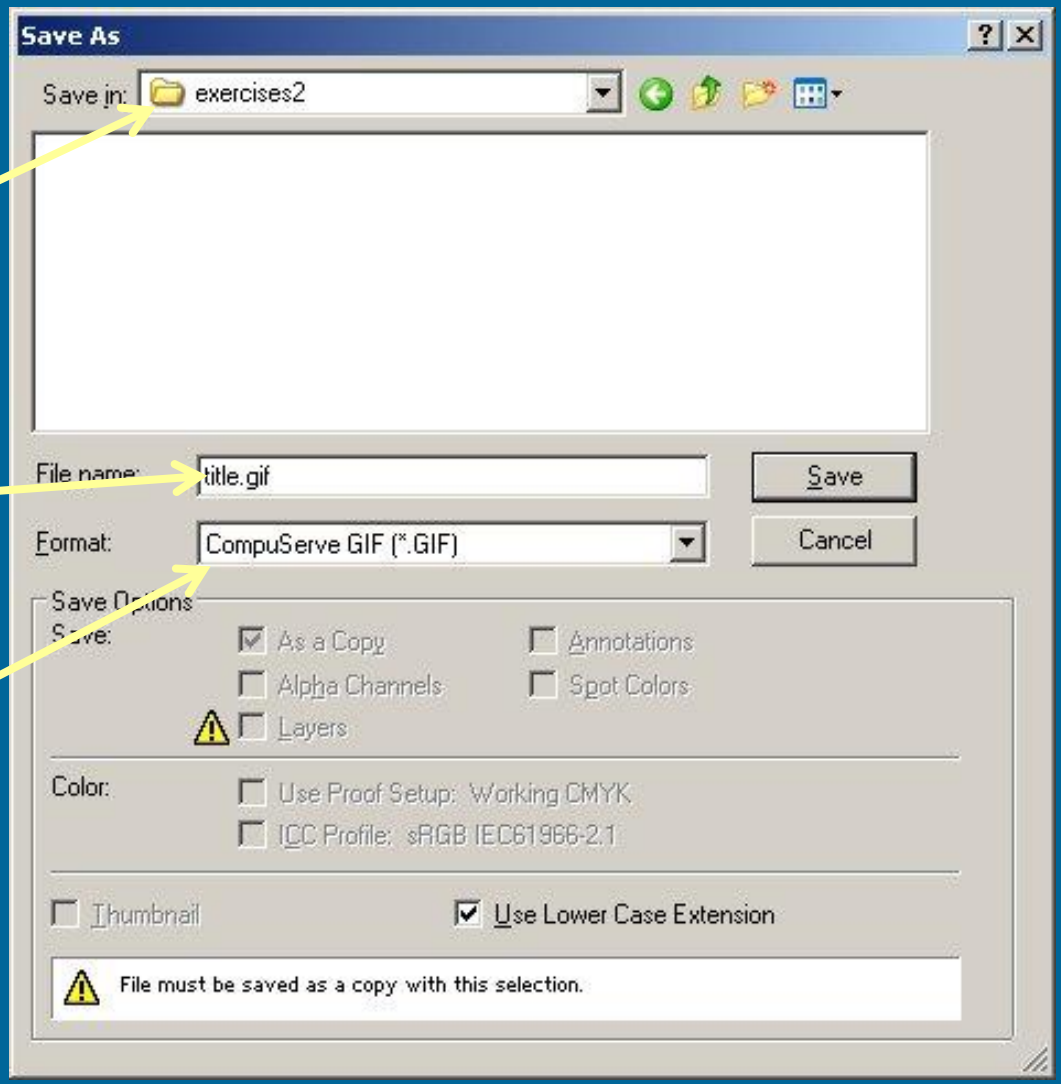
Text Graphics

- Saving
  - "Save As"

Select Destination

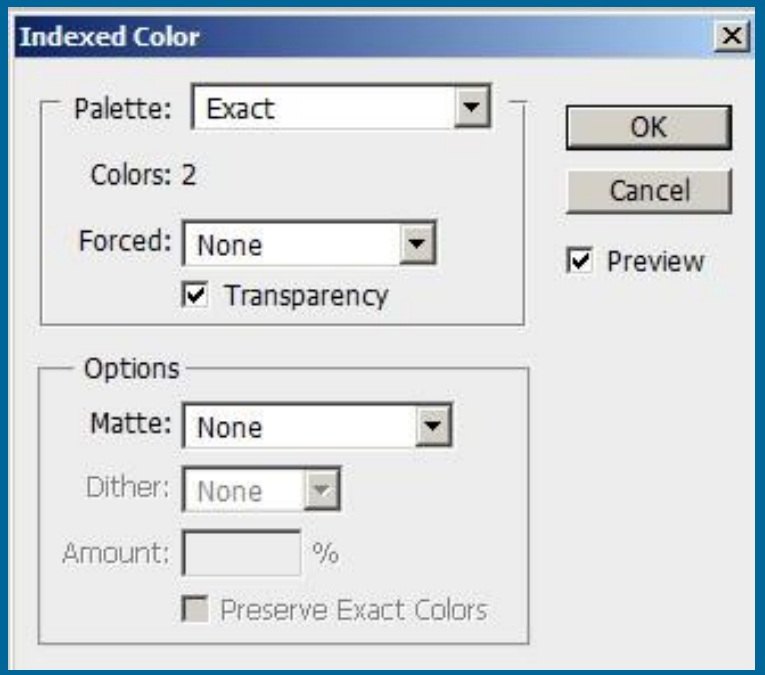
Enter File Name
title.gif

Select Format
CompuServe GIF

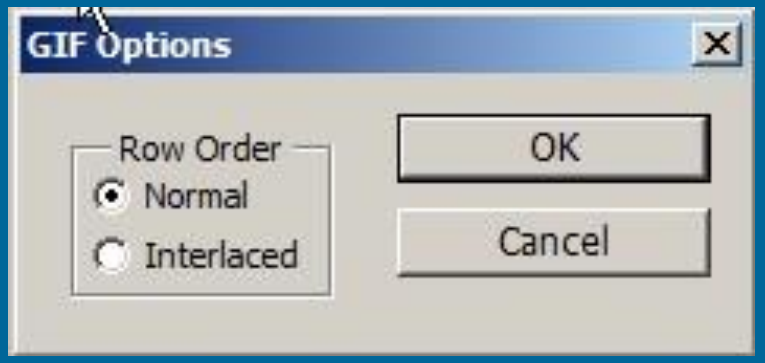


Text Graphics

- Indexed Color
  - Pallet = Web
  - Transparency*

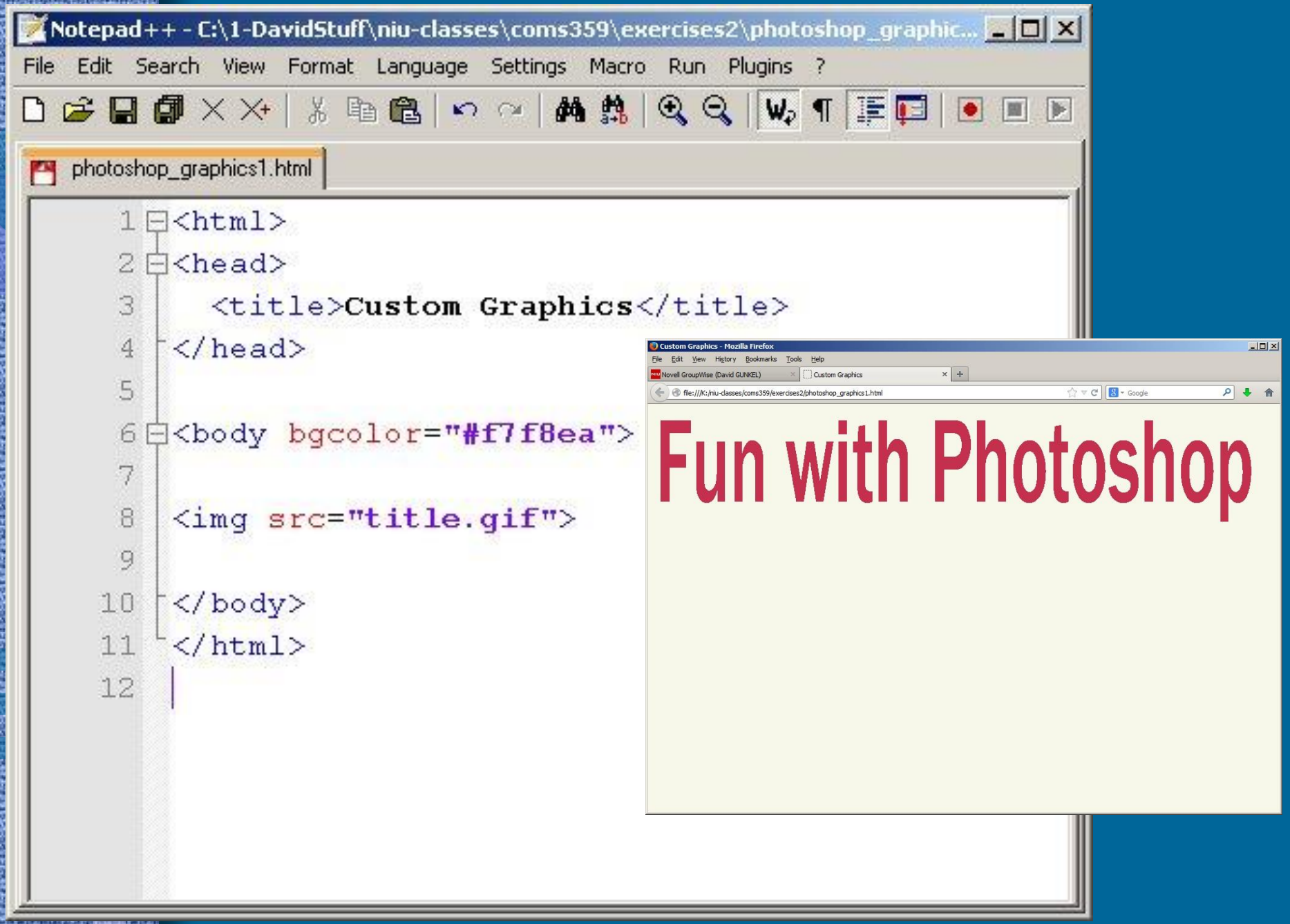


- GIF Options
  - Normal*
  - Interlaced



Text Graphics

- Viewing the transparent GIF
  - Create a web page that inserts the GIF file at the top of the page
    - Set a background color for the page
  - Open the document in your browser
    - Notice that the graphic is superimposed over the background color
    - This is the benefit of the transparent GIF - Looks like the image is applied to the background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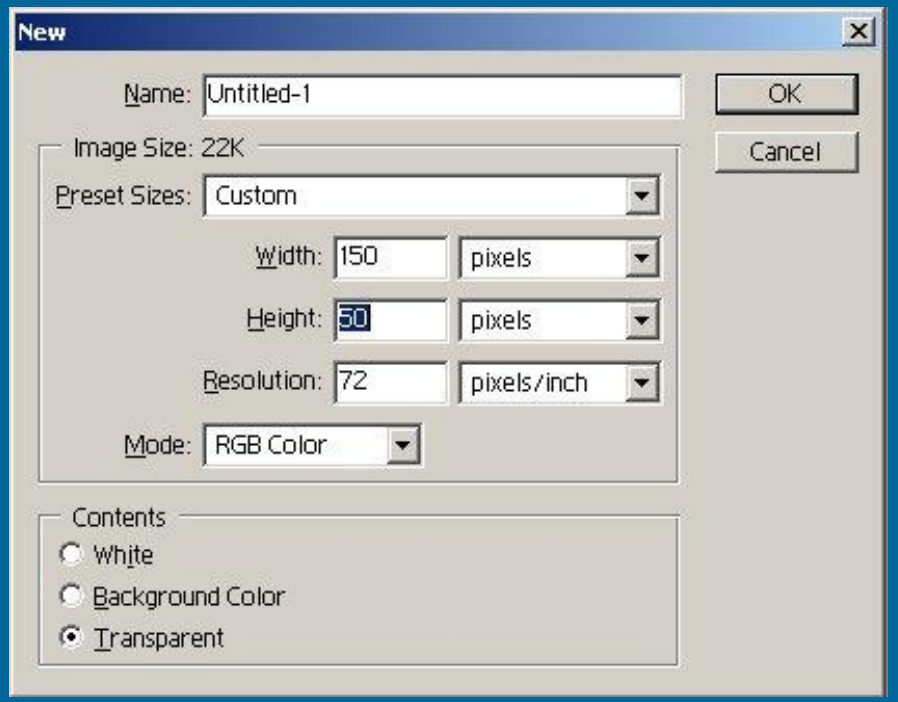
File Edit Search View Format Language Settings Macro Run Plugins ?
photoshop_graphics1.html
1 <html>
2 <head>
3 <title>Custom Graphics</title>
4 </head>
5
6 <body bgcolor="#f7f8ea">
7
8 <img src="title.gif">
9
10 </body>
11 </html>
12
Custom Graphics - Mozilla Firefox
File Edit View History Bookmarks Tools Help
Novell GroupWise (David GUNKEL)
Custom Graphics
file:///K:/niu-classes/coms359/exercises2/photoshop_graphics1.html
Fun with Photoshop

Buttons

- Clickable buttons
- Two tasks
  - Create buttons in PhotoShop
  - Make Buttons active by embedding hypermedia links in the HTML document

Buttons

- File, New
  - Width = 150
  - Height = 50
  - Resolution = 72
  - Mode = RGB
  - Contents = Trans.

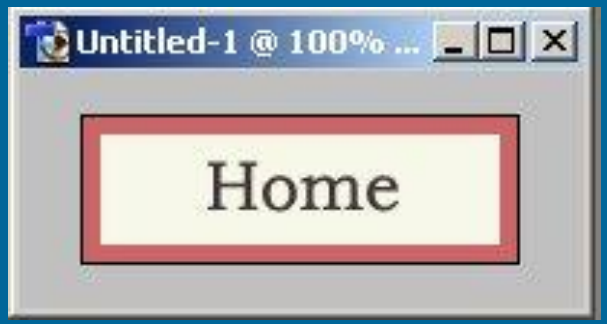


Buttons

- Fill the background
  - Select Color
  - Edit - Fill - Foreground

Buttons

- Add boxes for text
  - Layer - New
  - Select Color of overlays
  - Use Marquee Tool to create a small rectangle
- Add text
  - Text Tool
  - Select Font, Size & Color
  - Enter text
  - Position text with Move Tool



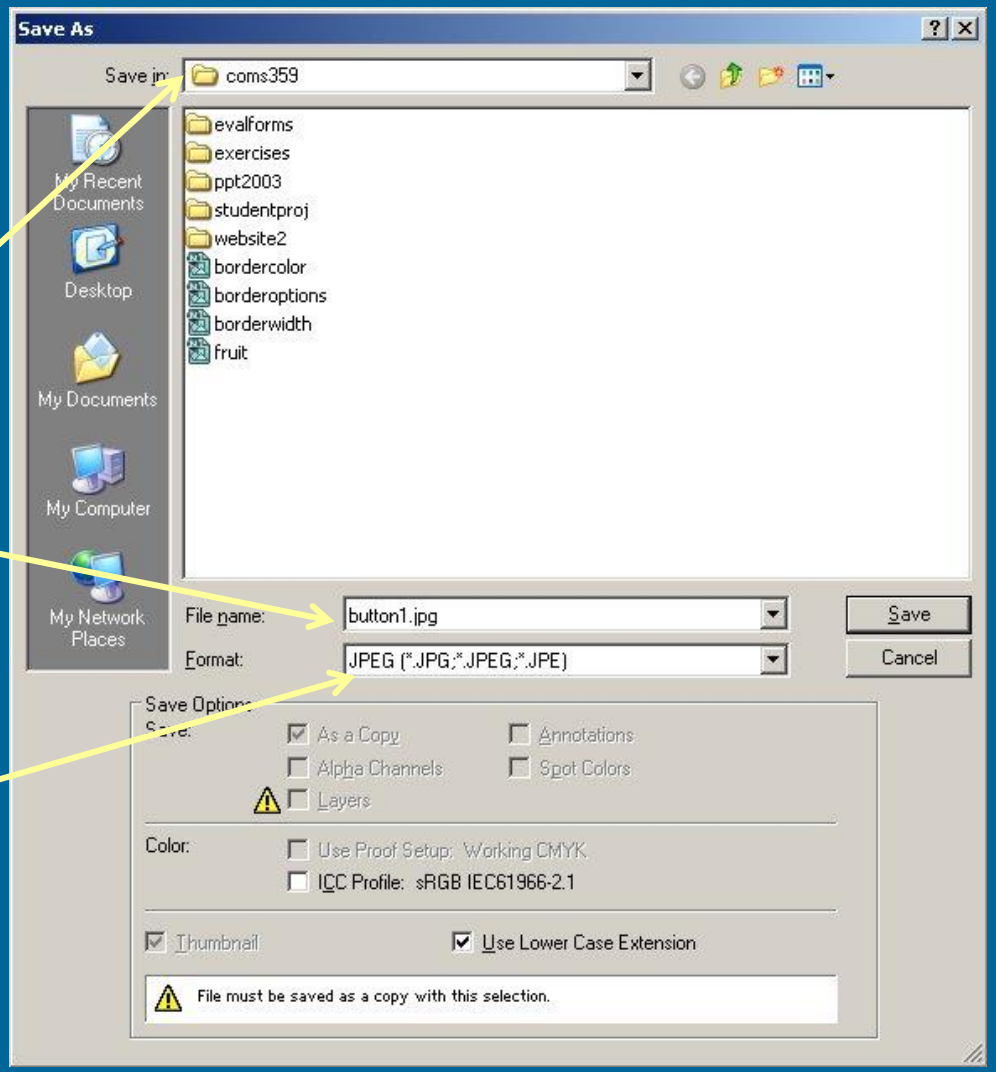
Buttons

- Save As

Select Destination

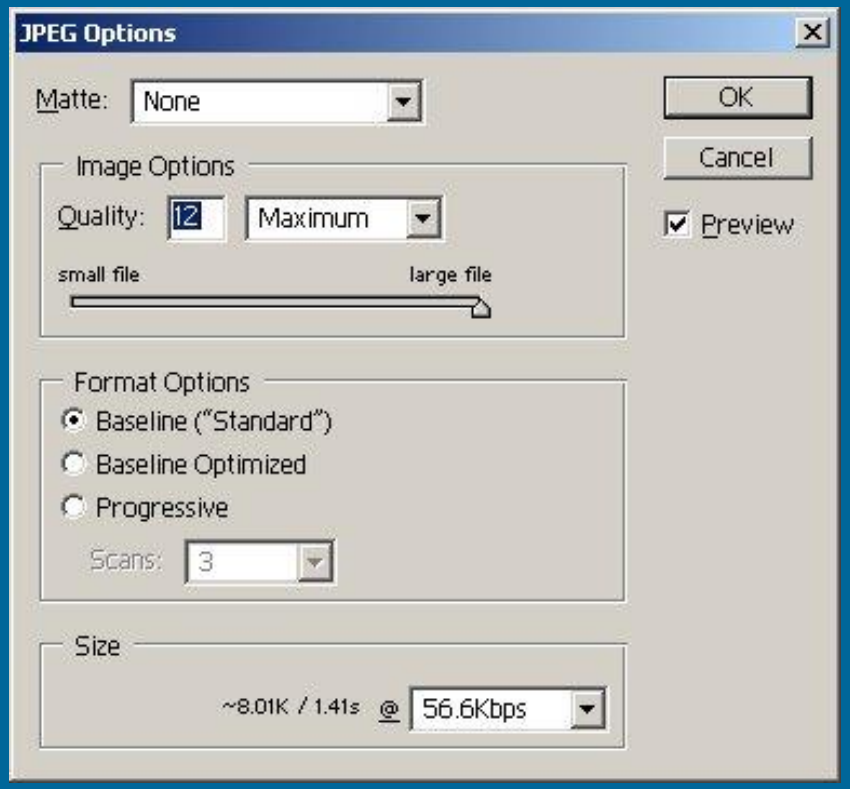
Enter File Name
button1.jpg

Select Format
JPEG



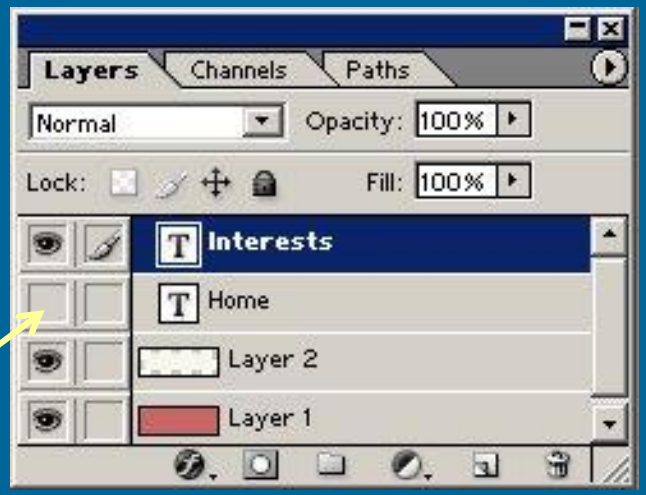
Buttons

- Save As
  - JPEG Options
    - Matte = none
    - Quality = 12
    - Format = Baseline



Buttons

- Add 2nd Text Layer
  - Text Tool
  - Select Font, Size & Color
  - Enter text
  - Position text with Move Tool
  - Turn off 1st Text Layer
    (click off "eye" in Layers)



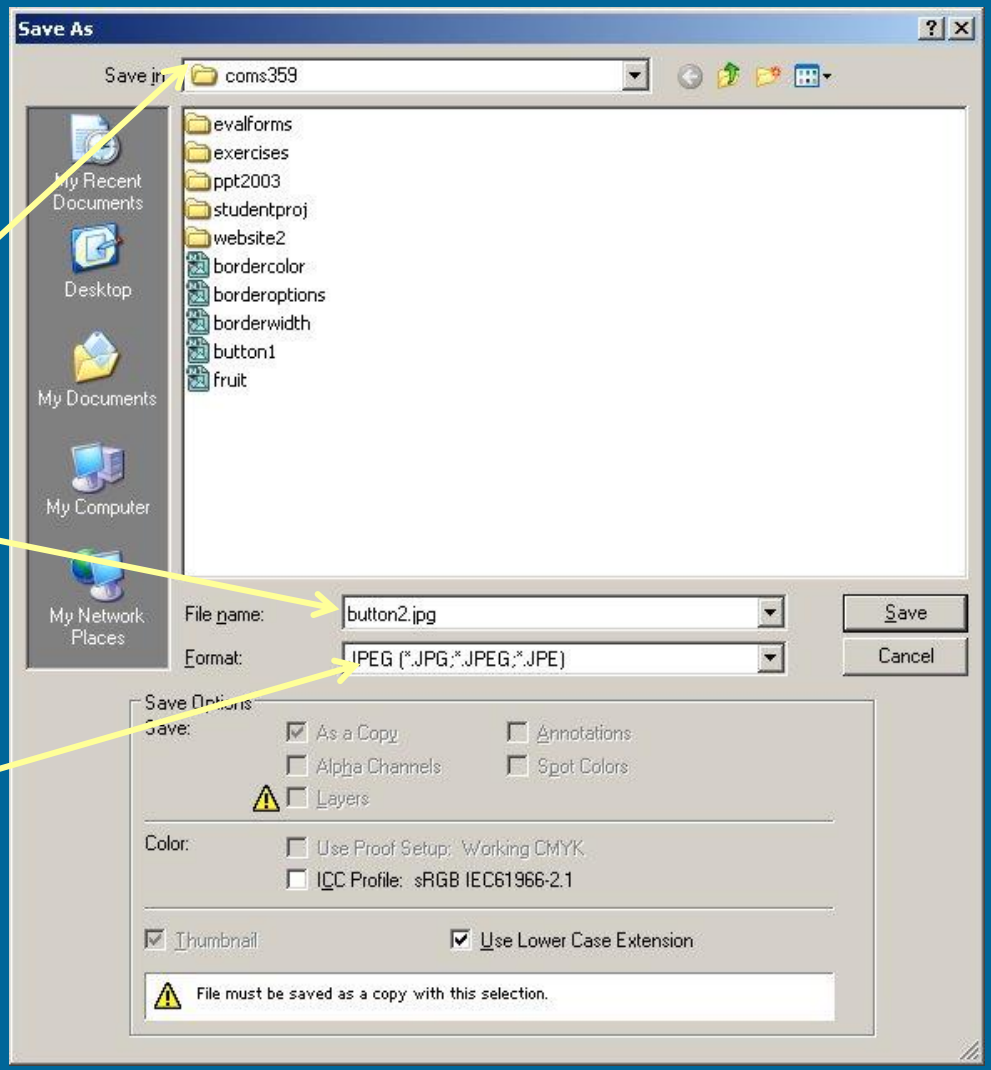
Buttons

- Save As

Select Destination

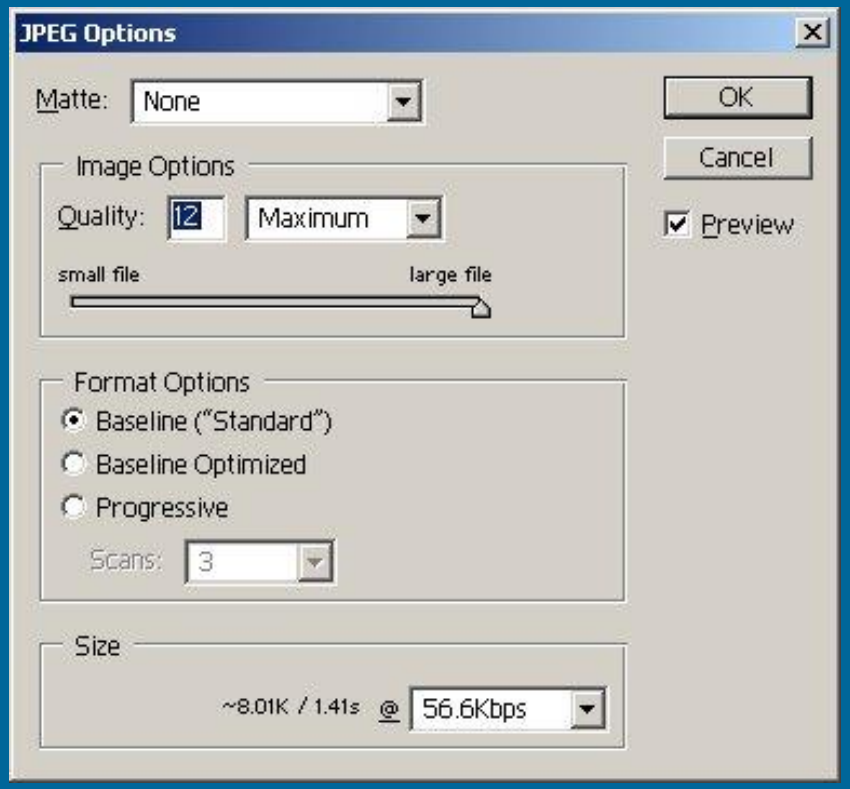
Enter File Name
button2.jpg

Select Format
JPEG



Buttons

- Save As
  - JPEG Options
    - Matte = none
    - Quality = 12
    - Format = Baseline



Buttons

- Results

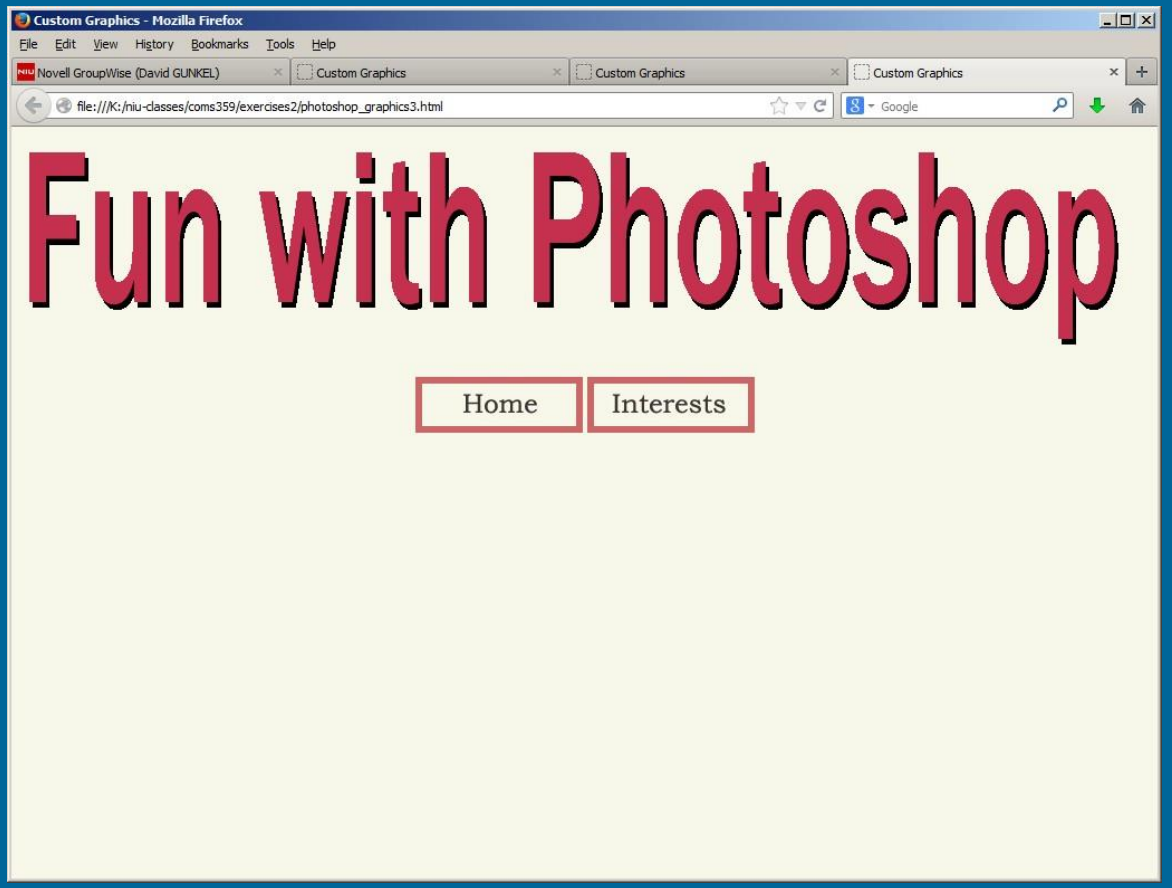
button.psd

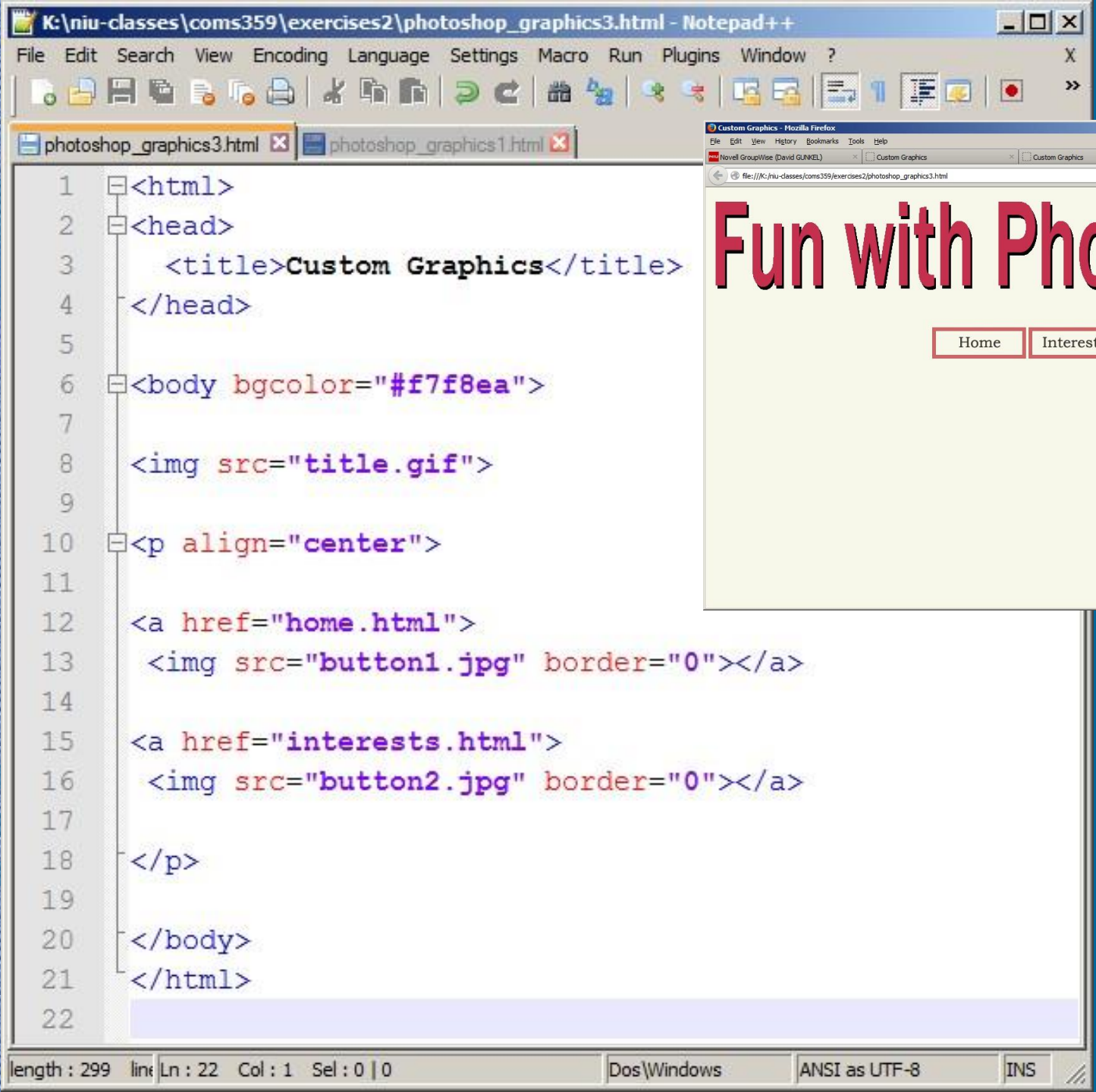
button1.jpg

button2.jpg

Next Step

- Insert button into web page
- Make the buttons hypermedia links

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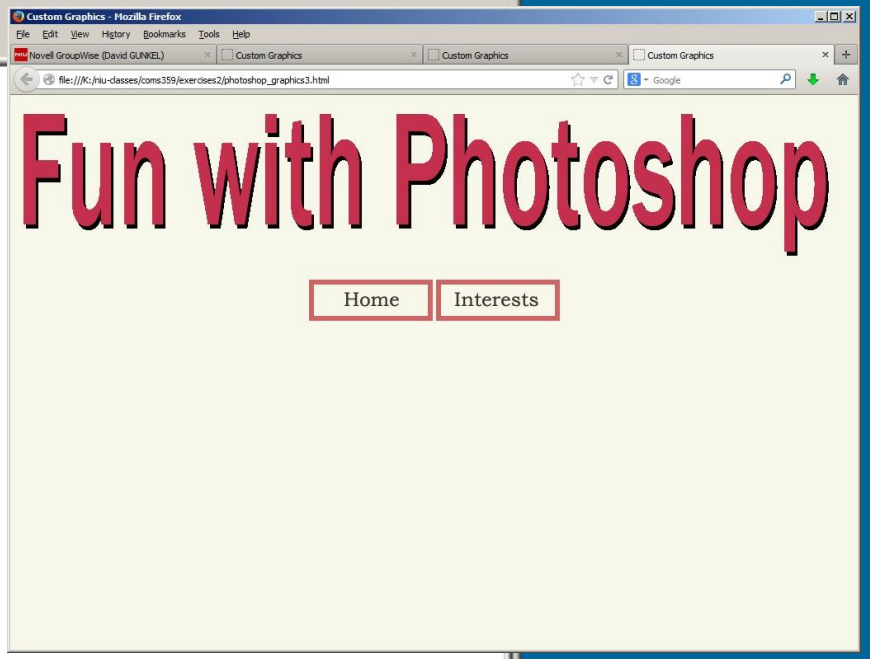
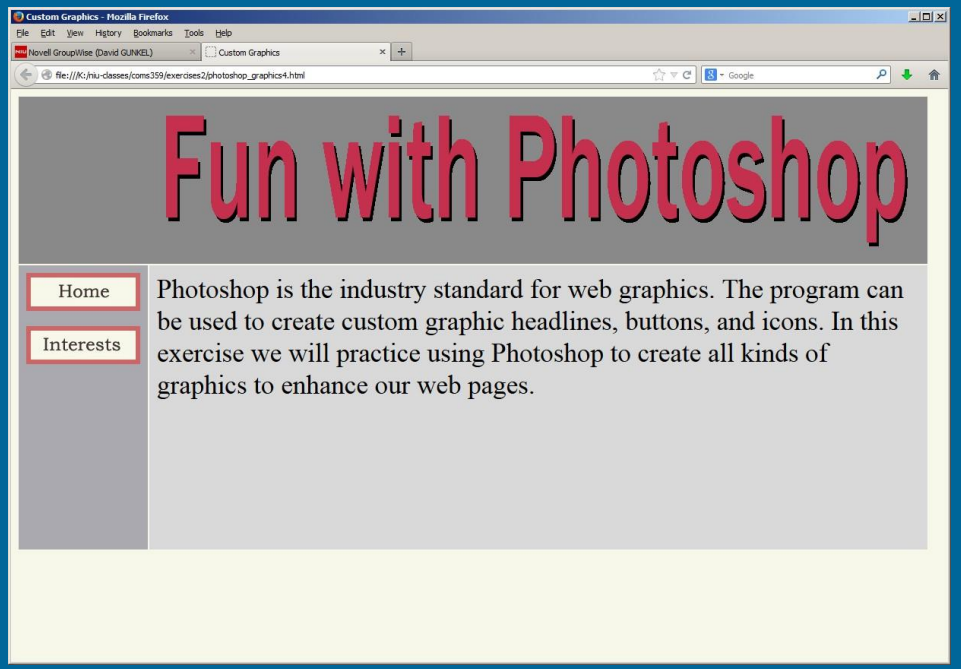
File Edit Search View Encoding Language Settings Macro Run Plugins Window ?
photoshop_graphics3.html
photoshop_graphics1.html
1 <html>
2 <head>
3 <title>Custom Graphics</title>
4 </head>
5
6 <body bgcolor="#f7f8ea">
7
8 <img src="title.gif">
9
10
11
12
13 <img src="button1.jpg" border="0">
14
15
16 <img src="button2.jpg" border="0">
17
18
19
20 </body>
21 </html>
22
length : 299 Ln : 22 Col : 1 Sel : 0 | 0
Dos\Windows
ANSI as UTF-8
INS


Custom Graphics - Mozilla Firefox
File Edit View History Bookmarks Tools Help
Custom Graphics
file:///K:/niu-classes/coms359/exercises2/photoshop_graphics3.html
Fun with Photoshop
Home
Interests

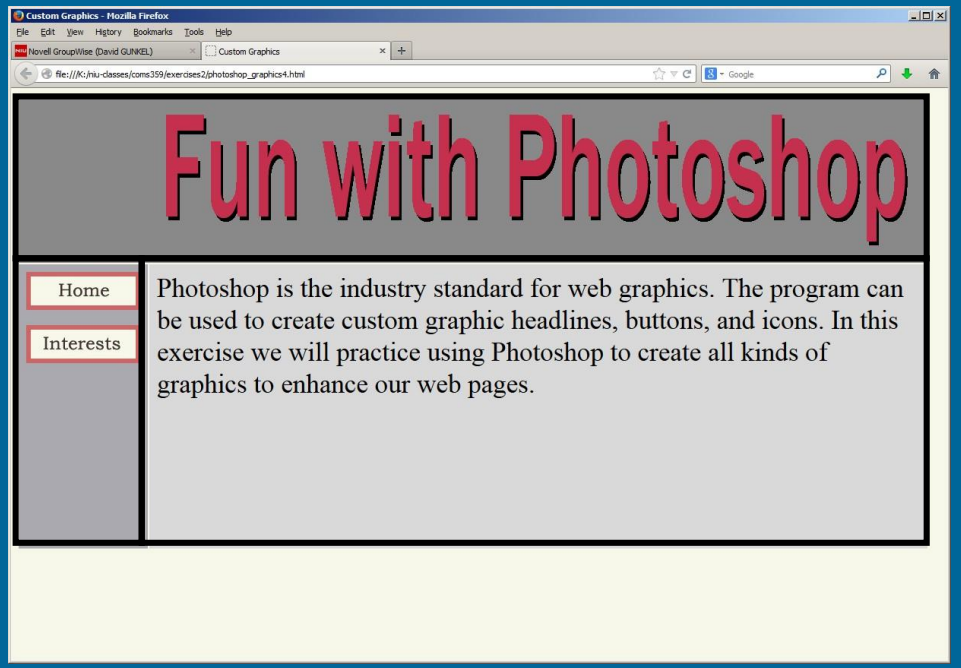
Page Layout

- Next Step
  - Add text to page
  - Keep the text separate from the graphics
  - Add different backgrounds



Page Layout

- Next Step
  - Tables
  - CSS

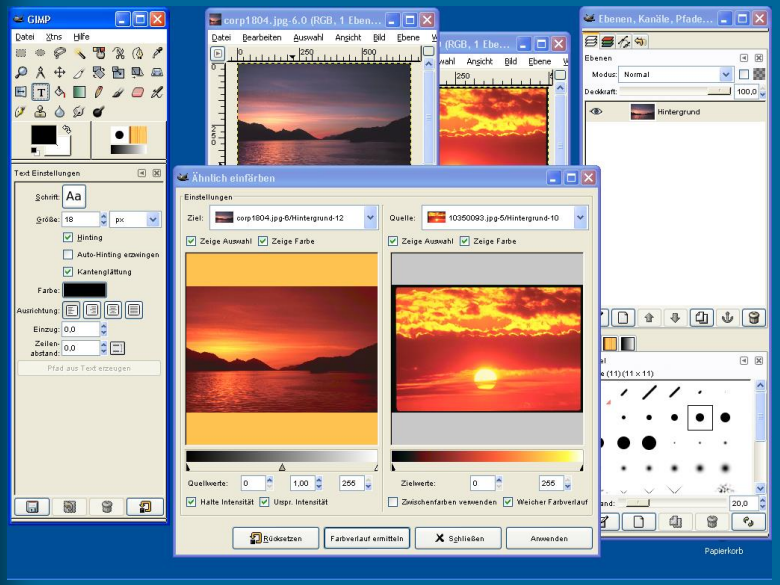


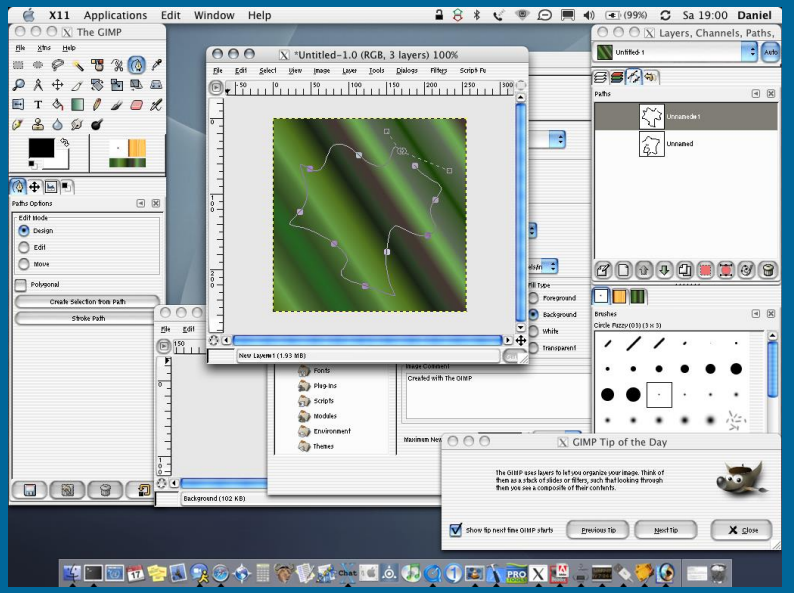
Preview

- CSS
  - Duckett - ch. 10: Introducing CSS (pp. 226-244)
  - Duckett - ch. 13: Boxes (pp. 301-326)

Preview

- Alternative to PhotoShop
  - PhotoShop = $19.99/mo.
  - GIMP = Free

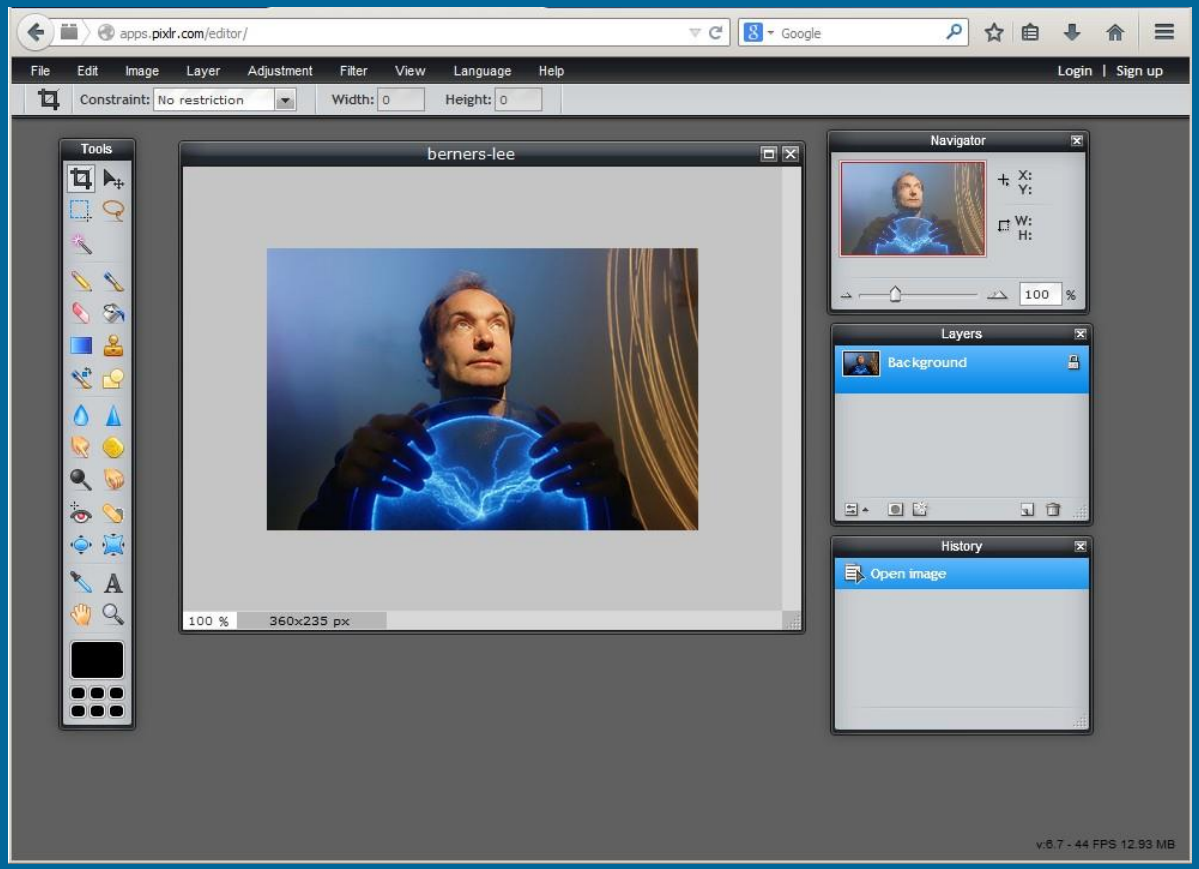




http://www.gimp.org/downloads/

Preview

- Pixlr – Web Application (free)



http://apps.pixlr.com/editor/