

Lab 2

- Create a folder named lab2
- Create an image using Microsoft Paint, and save as a 24 bit .bmp file
- Include many different colors, lines, circles, etc.
- Save as a 24 bit .bmp file called 24bit.bmp
- Save as a 256 color.bmp file called 8bit.bmp
- Save as a 16 color .bmp file called 4bit.bmp
- Save as a monochrome .bmp file called 2bit.bmp
- Close Paint
- Start a new Paint session, and open 24bit.bmp
- Save as a tiff file called 24bit.tif
- Close Paint
- Start a new Paint session, and open 24bit.bmp
- Save as a gif file called 24bit.gif
- Close Paint
- Browse to your lab2 folder, and compare file size.
- Right click each image, and choose Preview to compare how the images look
- Zip the lab2 folder, rename it to yourname-lab2.zip and submit in the D2L Lab 2 dropbox

Answer the following questions

- True or False: gif stands for Great Image Format
- gif is a _____ image type
a) vector b) raster c) pixelmap d) iTunes
- gif is best suited for
a) photographs b) simple line drawings with few colors c) simple line drawings with millions of colors
d) music files
- gif files are typically used
a) on the internet b) for saving photographs c) for printing photographs d) to compress photographs
- True or False: the gif format is protected by a current patent
- What features are supported in new gif files? (Choose all that apply)
a) 24 bit color b) animation c) high resolution d) transparency
e) 256 color f) non-interlaced g) interlacing
- Telling the computer to ignore part of an image is
a) transparency b) animation c) interlacing d) compression
- Displaying a image gradually, until the image fills in, is called
a) transparency b) animation c) interlacing d) compression
- Displaying one image, followed by another image, is called
a) transparency b) animation c) interlacing d) compression
- Match the file types according to quality and file size

24 bit bitmap dither	Large file size, high resolution file with millions of possible colors
256 color bitmap	Large file size, low resolution file with millions of possible colors
16 color bitmap	
monochrome bitmap	Small file size, 256 color limit, suitable for use on the Internet
tiff	
gif	mixing colored dots to approximate another color