HTML Extras

Resizing Image file size:

Open Paint, then open the flamingo1.jpg file in your HTML folder
Select the resize button and ensure the Percentage button is selected
and the Maintain Aspect Ratio box is selected.
Then change the 100 in the Horizontal box to 10.
Now select the Pixels button and change the
Horizontal number to 100.
This will change the Vertical to 133 because we have selected the
Maintain aspect ratio box. This is the information we need to set the
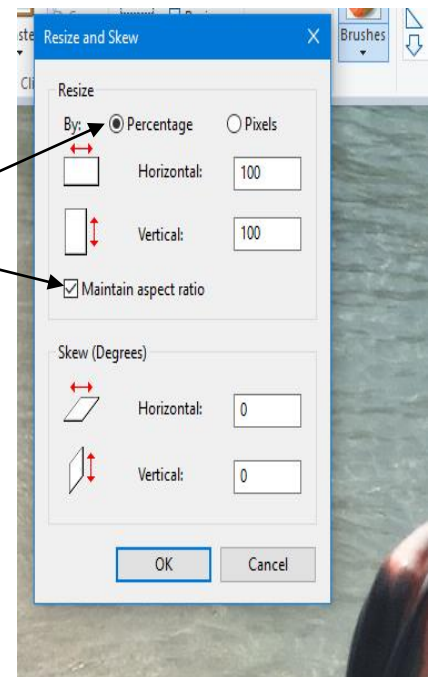width and height of the picture in our img tag.
Now select the OK button, then choose File and Save as, select the
JPEG option and save the file as **flamingo2.jpg** (save this in the
images folder inside your Practice folder) and close the Paint
program.
Next, navigate to your practice/images folder and compare the file
sizes of both
Flamingo1.jpg and flamingo2.jpg. You will notice that
Flamingo2.jpg is much smaller than its original. In this case the original file size is not that
large, however, the point is that the more and the larger the files that a browser needs to
download the slower the browser will be.
You can use this process with any picture or drawing to decrease file size.

HTML Color Codes
NB: the # symbol is required and 0s are zeros
HTML Color Codes

Aqua #00FFFF	Navy #000080	Gray #808080	Silver #C0C0C0
Black #000000	Olive #808000	Green #008000	Teal #008080
Blue #0000FF	Purple #800080	Lime #00FF00	White #FFFFFF
Fuchsia #FF00FF	Red #FF0000	Maroon #800000	Yellow #FFFF00

There are plenty of web resources to assist you, here are 4:
http://htmlcolorcodes.com/color-names/
http://htmlcolorcodes.com/
https://www.w3schools.com/colors/colors_picker.asp
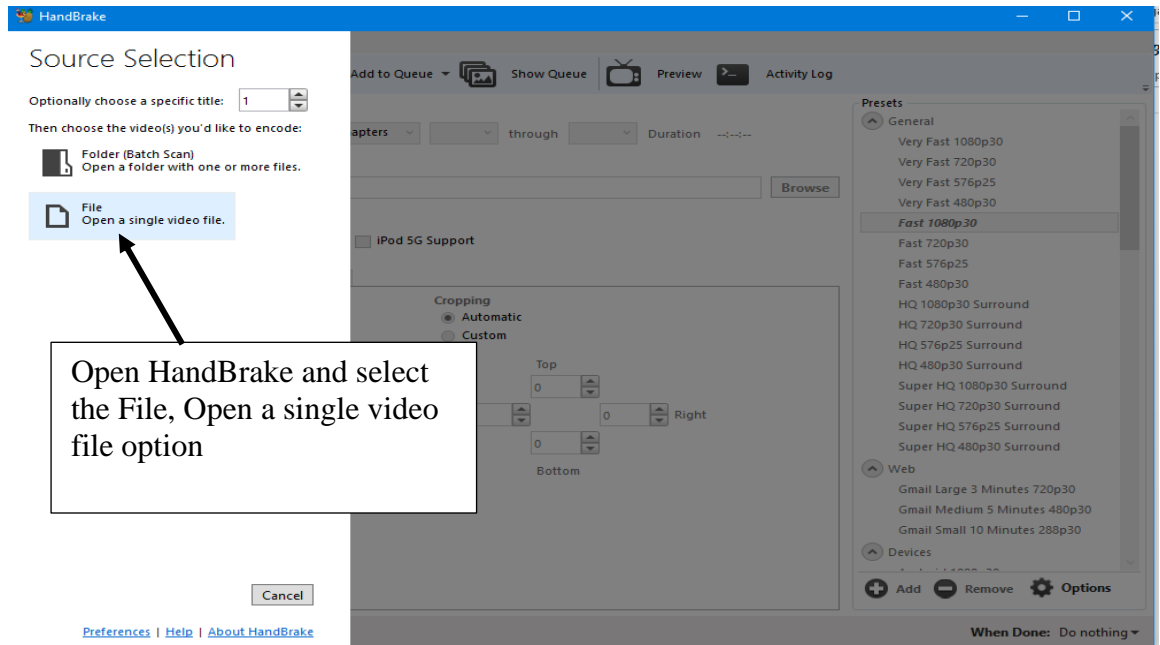https://www.quackit.com/html/html_color_codes.cfm

Converting Video format using Handbrake

Open the Handbrake program by double clicking on the desktop icon
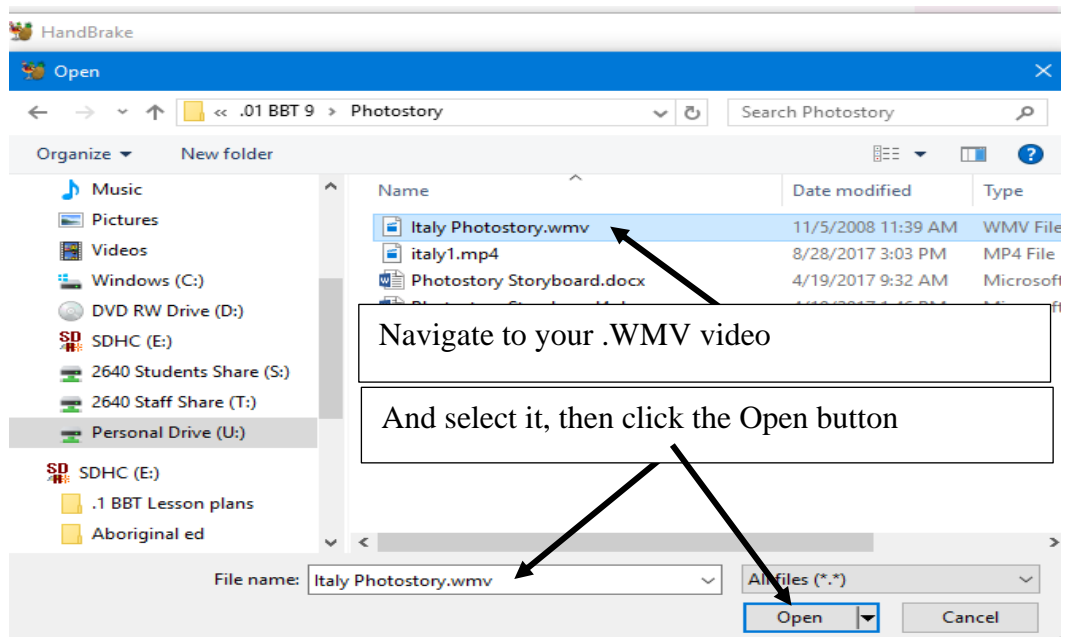Or by typing "Handbrake" in the search windows

When the program opens, select the File,

Open a single video file option as shown below

Then find the file you want to convert and click the Open button as shown below.

Then choose the location you want to save the new file to (your HTML folder), ensure the settings are correct, then click the start encode button, as shown below,

When the encoding process is finished your new mp4 video will be saved in your folder When the program is finished you should have both the original sample.wmv and a new sample.mp4 movie in your media folder.

Ensure you select the Fast 1080p setting

Choose a file name and location (Your HTML folder)

Ensure MP4 format is

Make the settings for width 1024

Then press the Start Encode button

NB: If Handbrake is not working, you can convert the video to MP4 using MovieMaker (see instructions in the Photostory module)

More information on video tags: https://www.quackit.com/html_5/tags/html_video_tag.cfm