COMPUTER TECH RESOURCE

DIGITAL IMAGES

SPECIFICATIONS	DSLR CAMERA	MOBILE PHONE
Camera	Canon EOS 1200D	iPhone 7 Plus
Softwares	Photoshop	VSCO
Resolution	5184 x 3456	1080 x 1920
Megapixel	18.1mp	Front: 8mp Back: 12.3mp
RAM	64gb Memory RAM	Total: 4gb Available: 3gb
Lithium Battery	Battery is removed and stored in a cool place	N/A iPhone batteries are built in and cannot be removed
CAMERA SETUP	CANON FEATURE (built in)	VSCO CAM
Mode	Tv (shutter priority)	Manual Setup
Shutter Speed	1/50	1/33
ISO	1600	48
White Balance	Auto	Auto
Exposure	+1	-0.1
Aperture	F5.6	F2.8
Focal Length	35mm	6mm
Zoom Factor	3.055mm	10x
Image File	Jpeg	RAW
ADJUSTMENTS	PHOTOSHOP	VSCO EDITOR
Curves		
Curves Evidence		
Crop		
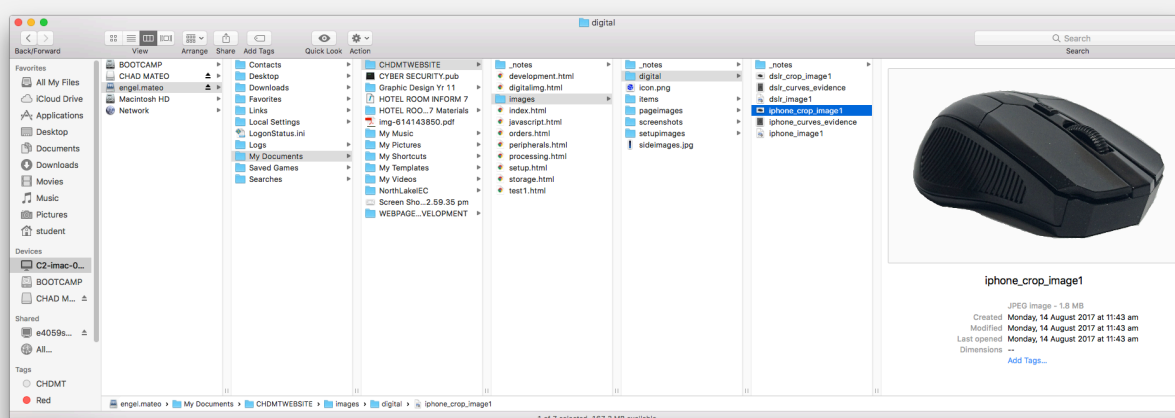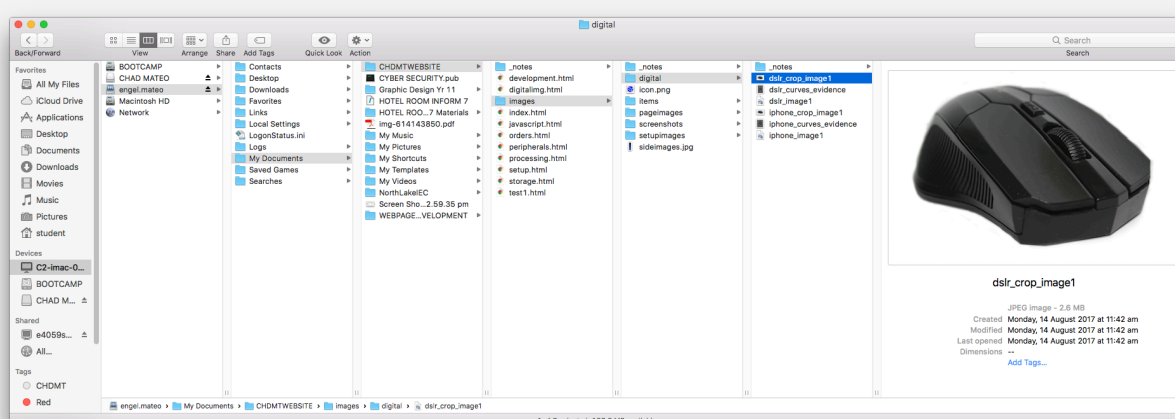
Knowledge questions

1. Identify and explain the key features of the digital camera that impact on the quality of the photographic image

DSLR it has a major impact on the quality of the photographic image.

*One factor is the resolution; there is a great difference from 18.1mp (DSLR) from 12.3mp (MOBILE).
*Another factor is the White Balance feature; although both devices were set to Auto White Balance, the DSLR did a better job on the image.
*Last factor is Aperture; DSLR has a better focus property on the image.

MOBILE the quality is good, however the camera app (VSCO) exceeded the standard product.

*Setting up or controlling ISO was easier because it is very responsive.
*(Unrelated to the image) Mobile cameras got a longer Zoom Factor, yet, the quality becomes indeed poor.

2. Determine the safety requirements for handling and storing lithium batteries

*Should always ensure that batteries are not exposed to any flammable matter.
*Do not store batteries in an area that receives direct sunlight.
*Should be stored in a cool well-ventilated environment.
*Suggest to kept on the original container.

3. Explain how to transfer and store images from a camera to a computer list and describe ways that photographic images can be altered or enhanced electronically

Transferring and Storing

*Personally, I use cables to connect my both of my devices into my computer. Then I locate the images that I need and duplicate it to my machine.
*Another way I use is I send it via Gmail to myself then access my Gmail on my computer and save the images. (ONLY on my Mobile Device)
*Another way I use (for my DSLR) is taking out the memory card and inserts it into my computer. After that, same process (duplication).

Enhancing

*Photoshop and Lightroom are my top image enhancing softwares.
*Photoshop Operation- The adjustment block has variety of option; In addition, Camera Raw Filter is also one great feature for adjusting.

4. Explain why the required delivery mode is important when preparing a photographic image

The required delivery mode is really important when preparing photographic image because it shows that the job is properly done and essential knowledge are proven for the competency.