


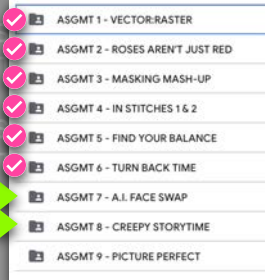
DESIGN TECH SPG 24

WEEK OF FEB 5 


TUESDAY FEB 6
THURSDAY FEB 8

- DUE:
 - ASGMT #5: FIND YOUR BALANCE - 1 & 2
 - ASGMT #6: TURN BACK TIME
- TODAY'S DEMO 1
 - ASGMT #7: A.I. FACE SWAP
- TODAY'S DEMO 2
 - ASGMT #8: CREEPY STORYTIME
- DUE NEXT CLASS

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 **DEMO #1** ASGMT 7 - A.I. FACE SWAP

- Image Size
- Canvas Size
- Color Mode
- Adjustments
- Generative Fill
- Refine
 - Adjustments
 - Clone Stamp, Healing Brush



 **DEMO #1** ASGMT 7 - A.I. FACE SWAP

- **Image Size**
- **Canvas Size**
- **Color Mode**
- Adjustments
- Generative Fill
- Layers
- Save

DEMO #1 PART 1 ASGMT 7 - A.I. FACE SWAP

- Open the "Face" image.
- **File : Save As**
YOUR LAST NAME FaceSwap.psd to Desktop.
- Discuss Image and Canvas Size. Adjust if directed to.
Hint: You should only be making the file size smaller and not larger.

• **Image Size**
"PHOTOSHOP MATH"

- L x W x Resolution

- Change Color Mode to RGB if not already.
- **Window : Workspace : Essentials**
Window : Workspace : Reset Essentials

EDIT : UNDO or CMD + Z

Ps DEMO #1

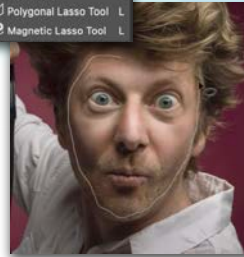
ASGMT 7 - A.I. FACE SWAP

- Image Size
- Canvas Size
- Color Mode
- Adjustments
- Generative Fill
- Layers
- Save

DEMO #1 PART 1

ASGMT 7 - A.I. FACE SWAP

- Professor will come around to ensure your face photo is not too dark, off-color, etc.
- With either the **Lasso Tool**, draw around your face, not including your hair. Do as shown in the video.
- Then go **Select : Modify : Feather**. Type in **10** pixels.



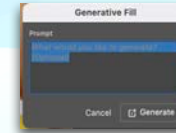
EDIT : UNDO or CMD + Z

DEMO #1 PART 2

ASGMT 7 - A.I. FACE SWAP

- We actually want the background and not the face, so next go **Select : Inverse**.

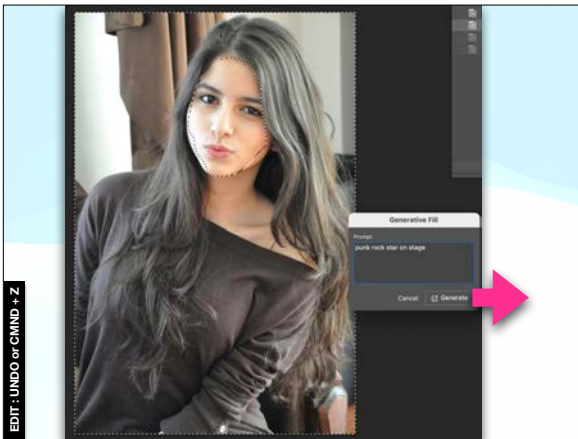
- Go **Edit : Generative Fill**.



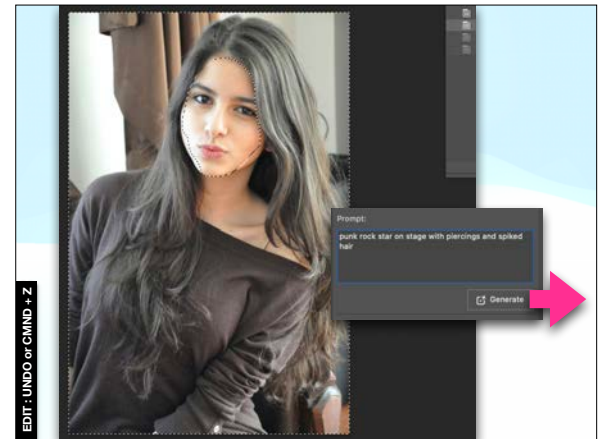
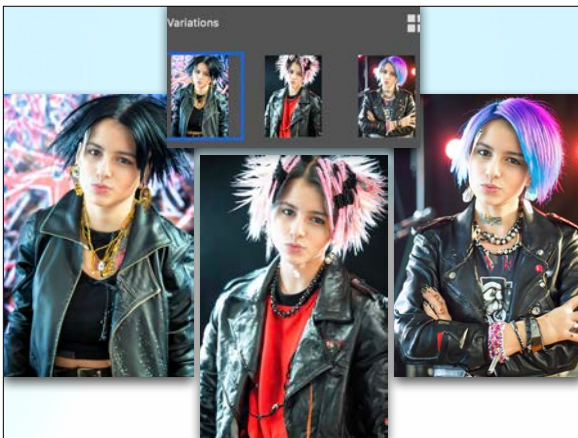
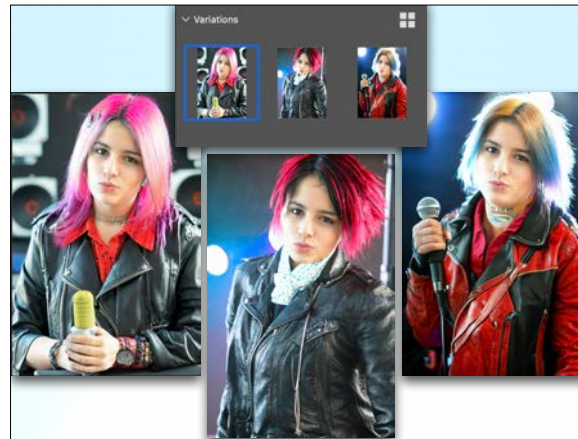
Have fun! Type up something crazy. Be detailed. If you don't like it, Undo or use Window : History.



EDIT : UNDO or CMD + Z



EDIT : UNDO or CMD + Z



EDIT : UNDO or CMD + Z

Ps DEMO #1

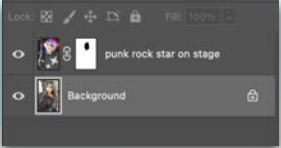
ASGMT 7 - A.I. FACE SWAP

- Image Size
- Canvas Size
- Color Mode
- Adjustments
- Generative Fill
- Layers
- Save

DEMO #1 PART 3

ASGMT 7 - A.I. FACE SWAP

- See **Layers** and what is going on. Discuss.

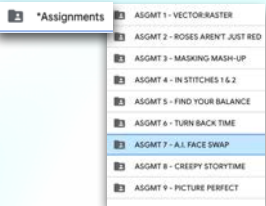



EDIT - UNDO or CMD + Z

- **File : Save** again.
- Then **File : Export : Quick Export as PNG**.

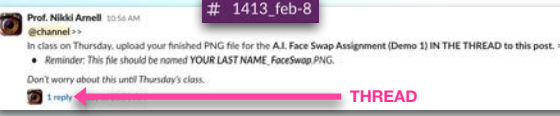
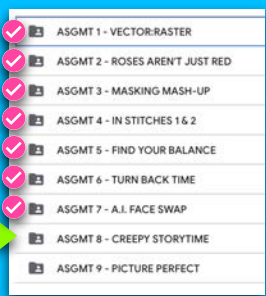
DEMO #1 > TURN IN

- **File : Save** again if you need to. **Make sure it's named correctly!** It doesn't matter what Layers are hiding. :)
- Upload to your Google Drive shared folder for this class > **Assignments : ASGMT 7 - A.I. FACE SWAP**

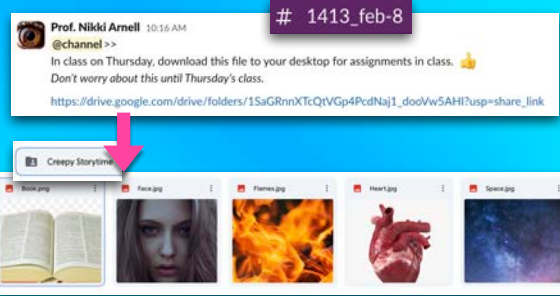
DEMO #1 > TURN IN

- Upload the PNG file TO THE THREAD of the correct post on **Slack #1413_feb-8**.
- **YOUR LAST NAME_FaceSwap.png**

- DUE:
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Download all files from this link on Slack.



Find where they are, which is likely your Downloads folder.

Ps DEMO #2

ASGMT 8 - CREEPY STORYTIME

- Crop (& Image Size)
 - Cropping to Specific Size
 - Content Aware Crop
 - Perspective Crop
- Layer Styles
- Transform : Scale and Warp
- Blend Modes
- Adjustments Panel/Layer
- Linked Files
- Smart Filters
- Saving Files

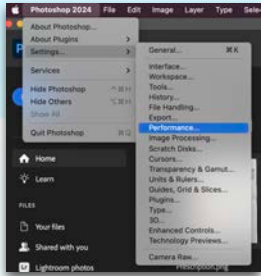


Ps DEMO #2 ASGMT 8 - CREEPY STORYTIME


- Crop (& Image Size)
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DEMO #2 PART 1 ASGMT 8 - CREEPY STORYTIME

- Open Photoshop.
- Go **Photoshop (2024 or Beta) : Settings : Performance**



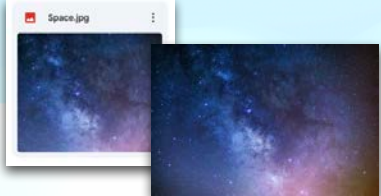
- Do as shown here for number of History States



- Go **Window : Workspace : Reset Essentials**

DEMO #2 PART 1 ASGMT 8 - CREEPY STORYTIME

- Open the **Space.JPG** in Photoshop.
Do not double-click because JPGs will default open in Preview.

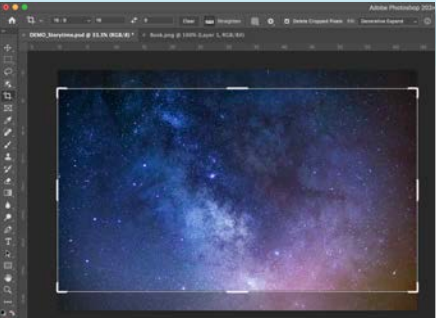


- **File : Save As**
YOUR LAST NAME Storytime.png

EDIT - UNDO or CMD + Z

DEMO #2 PART 1 ASGMT 8 - CREEPY STORYTIME

- Using the **Crop Tool**, do as shown below to obtain a 16 : 9 ratio. **Return** to Crop.



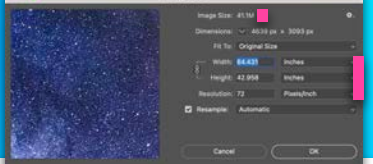
DEMO #2 PART 1 ASGMT 8 - CREEPY STORYTIME

- **Image : Image Size.** Change as shown in the following.
- Use **Inches. 10 Pixels is WAY too small. ;)**



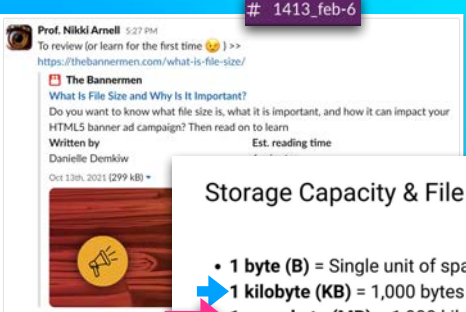
- Notice the size (as in MB) difference!
- Discuss "Photoshop Math" again >>
Length (or Height) x Width x Resolution

Storage Capacity & File Size



- 1 byte (B) = Single unit of space
- 1 kilobyte (KB) = 1,000 bytes
- 1 megabyte (MB) = 1,000 kilobytes
- 1 gigabyte (GB) = 1,000 megabytes
- 1 terabyte (TB) = 1,000 gigabytes
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Ps DEMO #2 ASGMT 8 - CREEPY STORYTIME

- Crop (& Image Size)
 - Cropping to Specific Size
 - Content Aware Crop
 - Perspective Crop
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Content Aware Crop

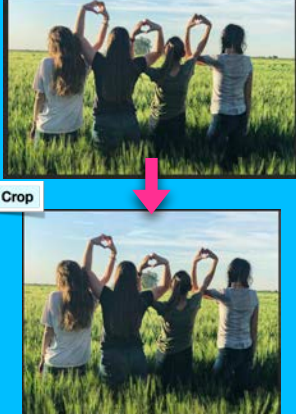
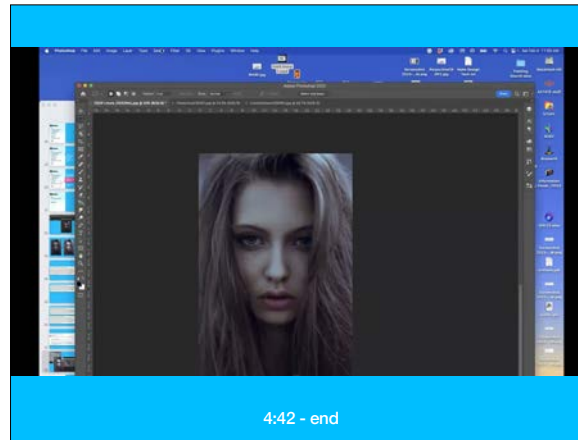
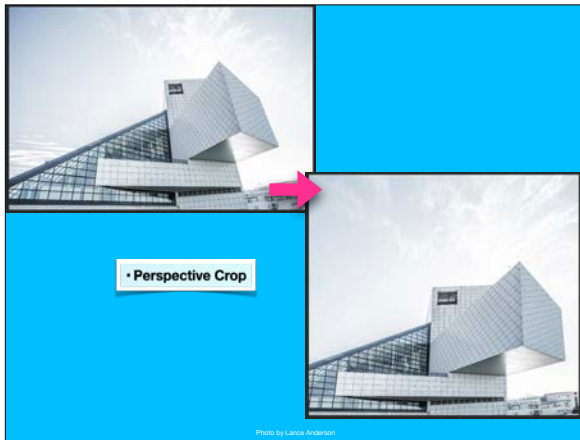


Photo by Melissa Adams



Ps DEMO #2

ASGMT 8 - CREEPY STORYTIME

- Crop (& Image Size)
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DEMO #2 PART 2

ASGMT 8 - CREEPY STORYTIME

- Still in Photoshop, File: Open the Book.PNG file.
- It has a false transparent background. Using the Object Selection Tool, click and drag around the book.
- Edit : Copy.

DEMO #2 PART 2

ASGMT 8 - CREEPY STORYTIME

- Then go to the Storytime.PSD file you just made and Edit : Paste.
- The book will appear in a new layer. Rename it Book.
- The book looks pretty small. Discuss Photoshop Math again (and how/why we're going to live dangerously for this assignment).

DEMO #2 PART 2

ASGMT 8 - CREEPY STORYTIME

- Make sure your new Book layer is selected.
- Then go Edit : Transform : Scale. Click and drag until the book fills the page as shown below.

- File : Save.

DEMO #2 PART 2

ASGMT 8 - CREEPY STORYTIME

- Double-click the Book layer to open the Layer Styles. Click on a Drop Shadow and adjust as shown below.

DEMO #2 PART 2

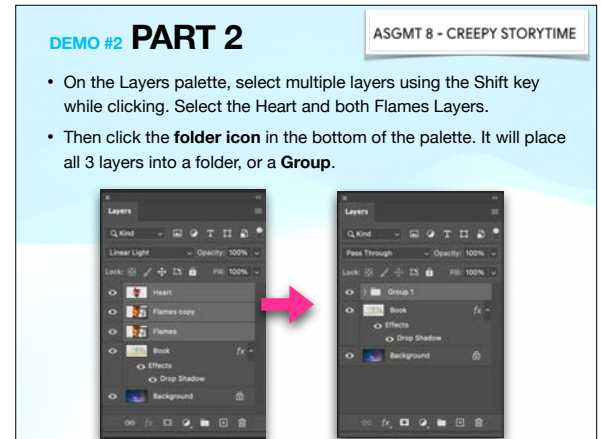
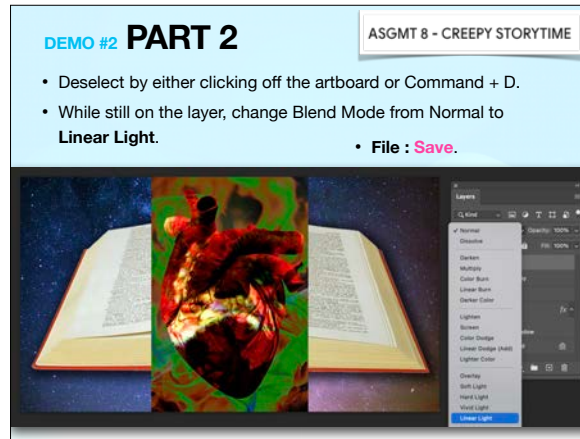
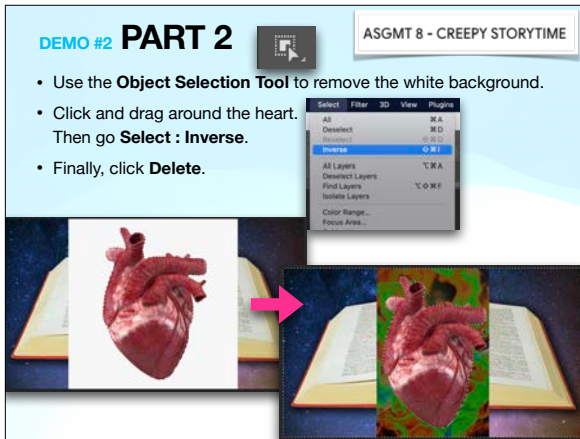
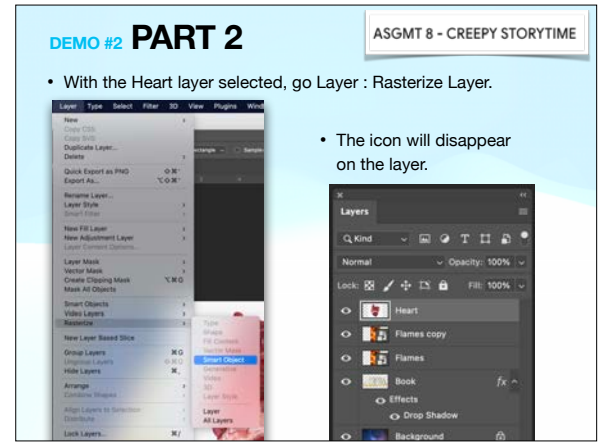
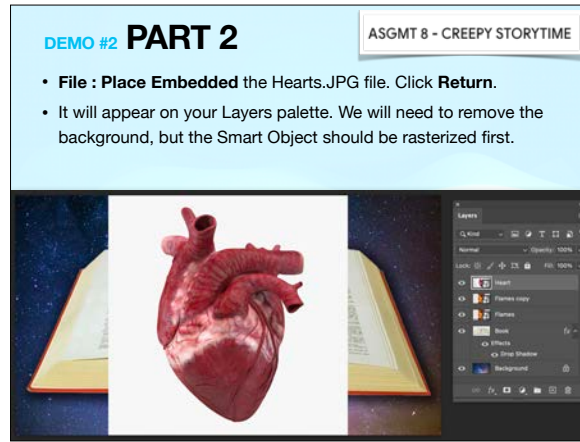
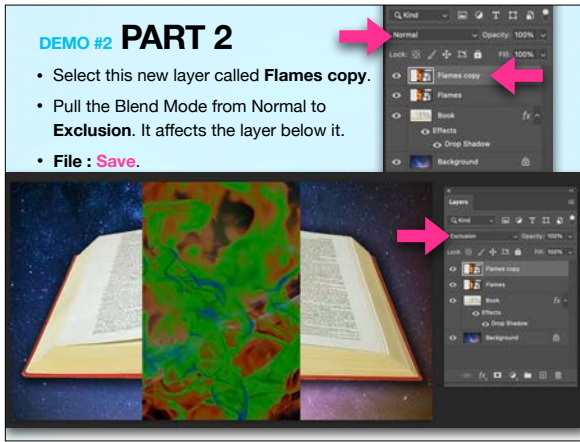
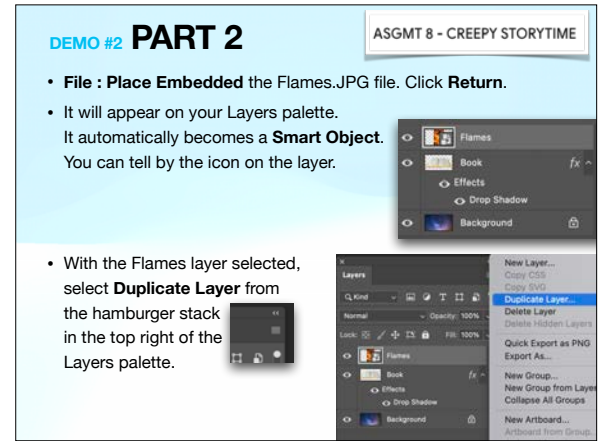
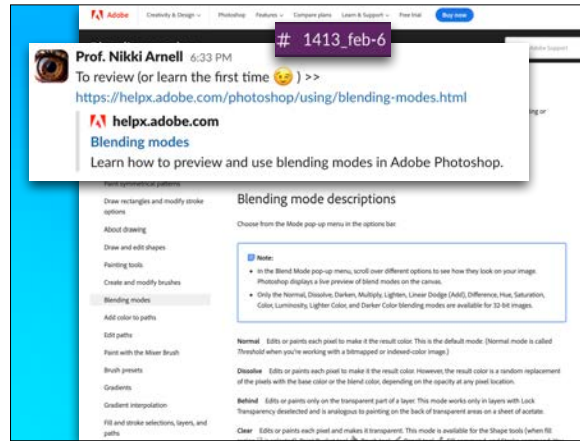
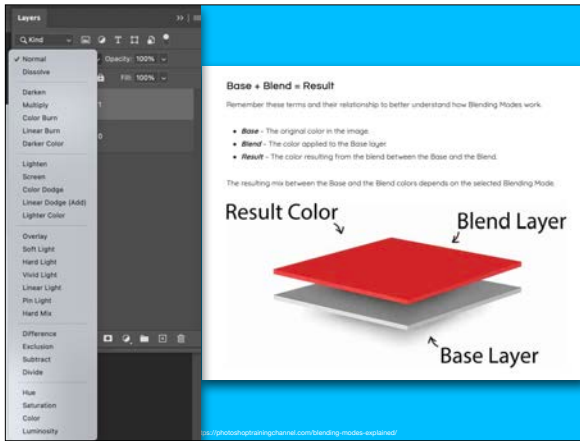
ASGMT 8 - CREEPY STORYTIME

- File : Save.

Ps DEMO #2

ASGMT 8 - CREEPY STORYTIME

- Crop (& Image Size)
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 - Content Aware Crop
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DEMO #2 PART 2 ASGMT 8 - CREEPY STORYTIME

- Select this **Group 1 layer** to adjust all 3 layers at once.
- Go **Edit : Transform : Distort** and do your best to make the image look like it's on the left side of the book.

DEMO #2 PART 2 ASGMT 8 - CREEPY STORYTIME

- Now we need to **Warp** the image, but Photoshop won't Warp a Group. We also don't want to get rid of the Group.
- Select Group 1. Then **Duplicate Group** from the hamburger menu.
- **Hide** the original Group 1.
- Select the **Group 1 Copy** and pull down to **Merge Group**.

DEMO #2 PART 2 ASGMT 8 - CREEPY STORYTIME

- Select **Group 1 copy**.
- Go **Edit : Transform : Warp**. Make the image look like it's actually on the page!
- When done, double-click the layer and add a **Drop Shadow**.
- **File : Save**.

Ps DEMO #2 ASGMT 8 - CREEPY STORYTIME

- Crop (& Image Size)
 - Cropping to Specific Size
 - Content Aware Crop
 - Perspective Crop
- **Layer Styles**
- Transform : Scale and Warp
- Blend Modes
- **Adjustments Panel/Layer**
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DEMO #2 PART 3 ASGMT 8 - CREEPY STORYTIME

- Next, we'll fix the Background, but in a way that doesn't affect any other layer while not being "destructive."
- Select the Background. It doesn't need to be unlocked because we aren't changing anything about that one layer.
- To add an Adjustment Layer to only one layer, it must first be "masked." So first, **click the Vector Mask icon** on the bottom of the layer palette.

DEMO #2 PART 3 ASGMT 8 - CREEPY STORYTIME

- Then click the **Adjustments icon** on the bottom of the layer palette.
- Select **Hue/Saturation** from the menu that will appear.
- Do as shown below.

DEMO #2 PART 3

- **File : Save**.

DEMO #2 PART 3

- BUT that Layer Adjustment with a mask will affect anything below it.
- So pull it up above the Book.
- Then double-click the Hue-Saturation and adjust it..

DEMO #2 PART 3

- **File : Save**.

Ps DEMO #2

ASGMT 8 - CREEPY STORYTIME

- Crop (& Image Size)
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DEMO #2 PART 3

ASGMT 8 - CREEPY STORYTIME

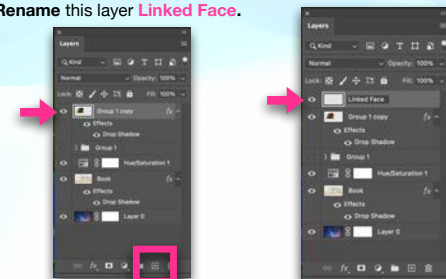
- We will first set up for a **Linked File**.
- **File: Open** the **Face.JPG** in Photoshop. Do not double-click the file or it will default open in Preview.
- We will adjust things to this file that will add layers. It can then not resave as a JPEG file because JPEGs must only be one layer. If it resaves as another file type, it will mess up the LINK. Therefore...
- **File: Save As >> Face.PSD** in Photoshop.



DEMO #2 PART 3

ASGMT 8 - CREEPY STORYTIME

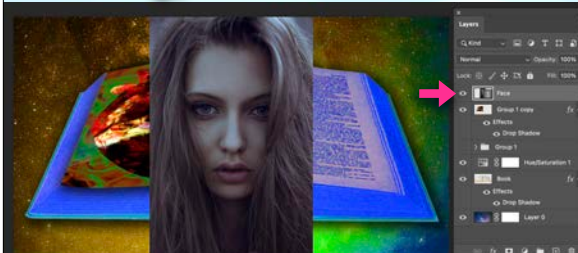
- Go back to your **Storytime PSD** file, but don't close the Face file.
- Select the top layer once. Then click the **Add Layer** button on the bottom of the Layer palette. A new layer will appear.
- **Rename** this layer **Linked Face**.



DEMO #2 PART 3

ASGMT 8 - CREEPY STORYTIME

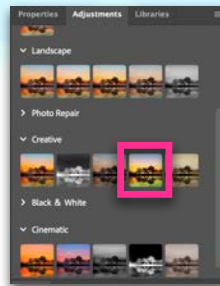
- On this new layer, go **File : Place Linked**. Place the Face.PSD file.
- Click Return. See the icon that appears on the layer.
- Then go back to the Face.PSD file and adjust it.
- **File : Save.**



DEMO #2 PART 3

ASGMT 8 - CREEPY STORYTIME

- Go back to your **Face PSD** file, but don't close the Storytime file.
- With the (only) layer selected, see Adjustments. (If you can't see it, reset your Workspace. **Window : Workspace : Reset Essentials.**)
- Click under Creative > Cross-Process.



DEMO #2 PART 3

ASGMT 8 - CREEPY STORYTIME

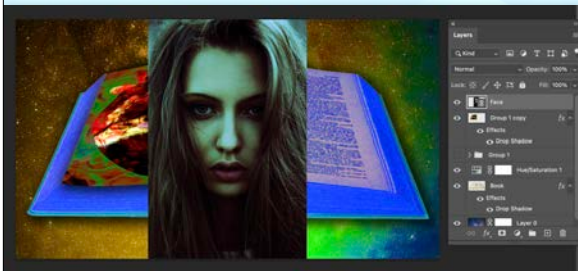
- See what happens to your photo and its layers.
- **File : Save.**



DEMO #2 PART 3

ASGMT 8 - CREEPY STORYTIME

- Go back to the **Storytime** file and see how it updated! :)
- **File : Save.**
- *➔ Prof. Nikki will now explain more about linked files. ;)*



Ps DEMO #2

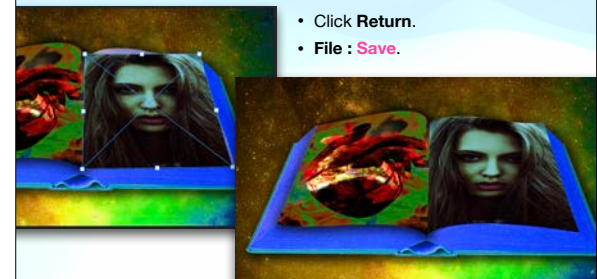
ASGMT 8 - CREEPY STORYTIME

- Crop (& Image Size)
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DEMO #2 PART 4

ASGMT 8 - CREEPY STORYTIME

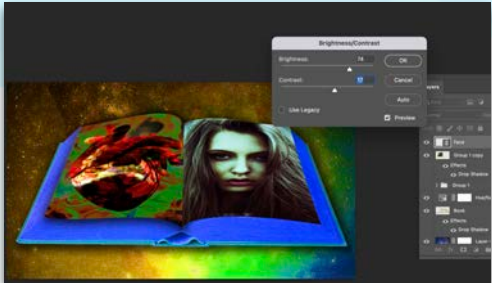
- With the top layer selected of your **Storytime** file, go **Object : Transform : Scale**. Then **Object : Transform : Warp** to make it appear it is on the right page.



DEMO #2 PART 4

ASGMT 8 - CREEPY STORYTIME

- That face is too dark. We'll adjust it in the **Storytime** file this time.
- Make sure she's still selected, then go **Image : Adjustments : Brightness/Contrast**. Do as shown below.



DEMO #2 PART 4

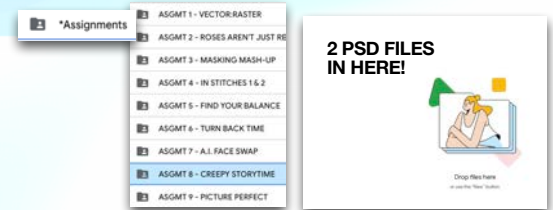
ASGMT 8 - CREEPY STORYTIME

- Also, double-click the layer and **add a drop shadow**.
- Then **File : Save**.
- Then **File : Export : Quick Export as PNG** to your desktop too.



DEMO #2 > TURN IN

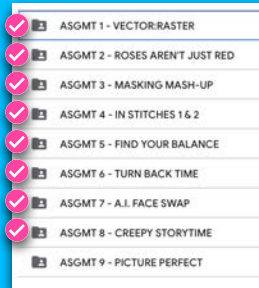
- Turn in both your **Storytime PSD** and your **Face PSD** files. No JPG or PNG files in your Google folder.
- Upload both PSD files to your Google Drive shared folder for this class > **Assignments : ASGMT 8 - CREEPY STORYTIME**



DEMO #2 > TURN IN

- Upload the PNG file TO THE THREAD of the correct post on **Slack #1413_feb-8**.

➡ **YOUR LAST NAME_Storytime.png**



- DUE:
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- TODAY'S DEMO 1
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- TODAY'S DEMO 2
 - ASGMT #8: CREEPY STORYTIME

- DUE NEXT CLASS

