| Challenge 11 - Image Editing |
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| General Goal *Learn the basics of image editing by using online tools.* |
| Learning Objectives *Learning the basics about digital images.*  *Learning about the importance of editing and the available image editing tools.*  *Learning how to perform basic image editing operations.* |
| Description The trainee will try to understand the basic structure of digital images.  The trainee will find out why image editing is important.  The trainee will explore what the available software (paid or not) can offer.  The trainee will edit an image. |
| Instructions What are the core digital images properties?  Find out what a pixel is.  Find out what the resolution of an image is.  [group learn or quiz]  [What are the use cases of image editing?  Find out three ways image editing is useful]  How do different image editing tools differ?  Explore what different image editing tools have to offer.  [*https://neilpatel.com/blog/image-editing-tools/*](https://neilpatel.com/blog/image-editing-tools/)  Basic editing operations.  Visit <https://pixlr.com/x/>  To help you with getting familiar with the pixlr interface, we have added some screenshots of the first few functionalities.  Upload an image of your choice.  Add some custom text.    Add an arrow object.    Crop the image 50 pixels from the right and 50 pixels from the top.    From now on, try to find in the interface where to do all that by yourself!  Right-rotate the image.  Decrease the temperature to -20.  Use the portrait effect and choose Gritty.  Use the retouch tool to add blur.  Use the retouch tool to clone a part of a picture.  Use the paint tool to paint an image.  Download the final image.  Now use <https://www.fotor.com/>.  Upload an image of your choice.  Add some custom text.  Crop the image 50 pixels from the right and 50 pixels from the top.  Right-rotate the image.  Decrease the temperature to -20.  Try to clone a part of the picture. Is this option available on this tool? Can you name an option that is not available on pixlr but is available on fotor? |
| Resources *Fotor:*  [*https://www.fotor.com/*](https://www.fotor.com/)  *Fotor examples:*  [*https://www.fotor.com/blog/tutorials-how-to/*](https://www.fotor.com/blog/tutorials-how-to/)  *Pixlr:*  [*https://pixlr.com/*](https://pixlr.com/)  *Pixlr tutorial:*  [*https://pixlr.com/learn/courses/pixlr-x-overview/*](https://pixlr.com/learn/courses/pixlr-x-overview/)  *What are digital images:*  [*https://northcoastphoto.com/digital-explained/*](https://northcoastphoto.com/digital-explained/) |