# Digital Image Processing – Assignment 2

## Winter 2018

1. **Zoom an image**. Take any image as your input, also take in the image size as your input. Ask the user for the zoom factor of the image. Your output should be the zoomed version of the image. Make sure that your code works even with a fractional zoom factor.

1. **Rotate an image**. Take any image as your input, also take in the image size as your input. Ask the user for the rotation angle. Your output should be the rotated version of the image.
2. **Reduce the image dimensions**. Take any image as your input, also take in the image size as your input. Ask the user by what factor they want to reduce the image dimensions. Note that this factor will be an integer. You may achieve this by skipping over pixels or by averaging them.