

## Deep Learning –HW#1

### About the Assignment

The main aim of the assignment is to gain some fundamental knowledge about image processing on Python. Assuming that you are given a sample cat image as shown in Fig. 1.



Fig. 1: Original image.

### Tasks:

- flips cat image vertically
- flips cat image horizontally
- rotates cat image to left by 90 degree
- rotates cat image to right by 90 degree
- resizes input image to half by keeping aspect ratio
- finally, displays input and output images

**Send your code as zip. Yourname-surname.zip**