

Exercises 14

Image

1200

Exercise_01

- Place the 5 given images in the folder with the relative address: `/dataset/images`
 1. Read all content of the folder (`/dataset/images`), Regardless of the file type and file name in the folder using python. (use `os.scandir()` or `os.listdir()`)
 2. Check the type of image (Color, gray or binary).
 3. If the image is in color, convert it to grayscale, and then find the contrast of the image (`255 - pixel intensity`).
 4. If the image is in gray, convert it to binary, and then find the contrast of the image (`255 - pixel intensity`).
 5. If the image is binary, find the contrast of the image (`255 - pixel intensity`).
- for convert gray to binary image use `cv2.threshold()`
- Use opencv library!
- Use color space conversion, correctly! (`cvtColor()`)