

# Exercise 9: Cascade classifier

In this exercise, you will use the Haar feature-based cascade classifier in OpenCV to detect faces in images.

- Read the OpenCV tutorials on classifying images using the cascade classifier and run the code: [https://docs.opencv.org/3.2.0/db/d28/tutorial\\_cascade\\_classifier.html](https://docs.opencv.org/3.2.0/db/d28/tutorial_cascade_classifier.html)
- Document every line in the code with your own explanation of what the given line of code does to ensure you understand the example code.
- Modify the above code to work on single images instead of a video stream. Use the program to find faces in your own personal holiday photos