Here is a practical test for image processing, computer vision and deep learning, please download the dataset from
https://www.dropbox.com/s/ivmvlpslb8yfzoc/DeepLearningTest-1.zip?dl=0 [2 GB]

**Background**
On the shelf in the store located bottles with vegetable oil. During the day, customers are placing bottles in a random place on the shelf and at the end of the day, the shopkeeper has to rearrange them back to initial state, but he cannot remember all SKUs. This is boring manual work and the shopkeeper would like to automate this process. The only equipment he has is a smartphone with a camera (note: smartphone also has LTE module and the shopkeeper may have some money for cloud service).

**Task**
Your task will be to present the strategy, algorithms and prototype for detection and recognition of bottles with vegetable oil. Please note, you may probably not be able to fully complete the task within 4 **- 8** hours, and it is not expected.

Therefore, please define you plan before start of actual development in terms of minimum value product – what you believe will prove your expertise in the best way on presented data and try to complete as much as possible.

You can use any available third-party libraries.

Please present your results in a visual form.

Example of detection and recognition results: