# Task description

**Platforms:** Linux/Windows/Mac - you can choose the most suitable for you.
**Languages:** Python - you can use any frameworks and libs you need.
**Containers**: Yes, if you need it, but it's not required.
**IDE**: Python notebook.

## Task:

The goal of the task is to implement logotypes detection on images of invoices. You can find invoices examples in the folder with this document. The system/script has to:
1. Detect a company logotype on the image.
2. Build a b-box around the **1** detected logotype.
3. To cut the detected logotype and show it in a new window with an accuracy rate value on it.

## Assumptions:

1. Each image contains a logotype.
2. Each image can contain some similar logotypes.
3. Resolution of each image is at least 700px X 300px.
4. Image formats: PNG, JPG, JPEG.
5. Images can be in color or black and white.
6. It is necessary to detect just 1 logotype on each image.
7. You can use addition examples of invoices from any source you want.

# Performance criteria

1. Accuracy rate - the higher the better.
2. A text description of the solution in Russian and an ability to explain an approach to solving the task.
3. A python notebook with the task solution (with comments, Russian is possible).