**Assignment:** Extracting details from a set of images

**Description:** Every image has same details at specific location (i.e ‘Device Name’, ‘REF’, ‘LOT’, ‘Qty’ and symbols.) Your task is to extract these details from the images and add them in the excel file in a specific format (refer excel file given with the assignment for the format)

**Instructions**

1. Read images one by one in the images folders
2. Extract details and add them in the excel file
3. Submit your project for assessment (which must include ReadMe and Requirement file to run your project)
4. Submit a project report

**Assessment**

Your assessment will be done on the following:

1. Effectiveness and efficiency of your code
2. Report explaining your approach to solve the problem

**For those who are seeking more challenging task**

Complete this assignment by using a pdf file (Lable.pdf) instead of images as input

1. Read PDF file (Lable.pdf)
2. Extract details and add them in the excel file

**Symbols:**

If an image has 4 symbols then add their Name\_ID(in concatenation form) in the excel column

For example

|  |  |
| --- | --- |
| If a image have following Symbols | Then enter this in Excel file |
|  | Symbols |
| 216 |

|  |  |
| --- | --- |
| Symbols | Name\_ID |
|  | 1 |
|  | 2 |
|  | 3 |
|  | 4 |
|  | 5 |
|  | 6 |
|  | 7 |
|  | 8 |
|  | 9 |

Note: read symbols from top to bottom (for example if an image has CE(Name\_ID = 4) logo then it comes first)