

# LEVEL 3

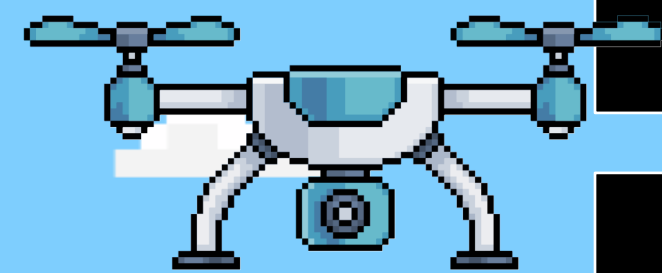


Unfortunately, sometimes the weather is very uncooperative, leading to the presence of clouds in your captured images.

For every field you have two images where the clouds from the first image will never overlap with the clouds from the second one.

At the same time, the animals will always stay in the same spot for both images (they are more cooperative than the weather).

Your task is to predict the number of animals in the cloudy images.



For example:

On the left you can't see the dog  
but on the right side you can.

You will always be able to see an  
animal in at least one image.

All cloudy pixels have an RGB value  
of [255,255,255].

There are multiple ways to solve  
this problem. Consider your options  
before you start.

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## Input

### Training data

- 500 pairs of cloudy Images
- Label file
  - Number of animals (0 - 5)

### Test data

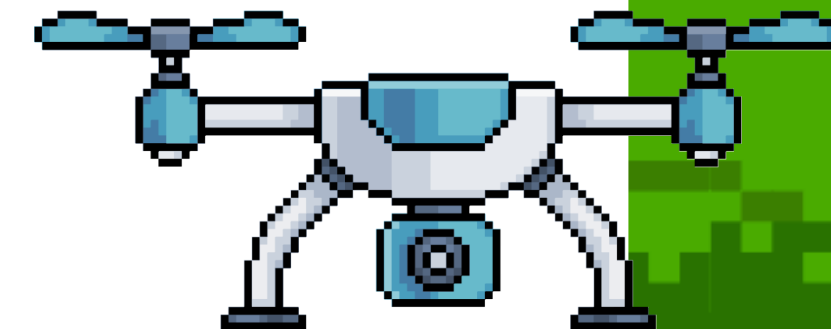
- 1000 cloudy pairs of Images

## Output

A file with your predictions.  
Same format as the input label file.

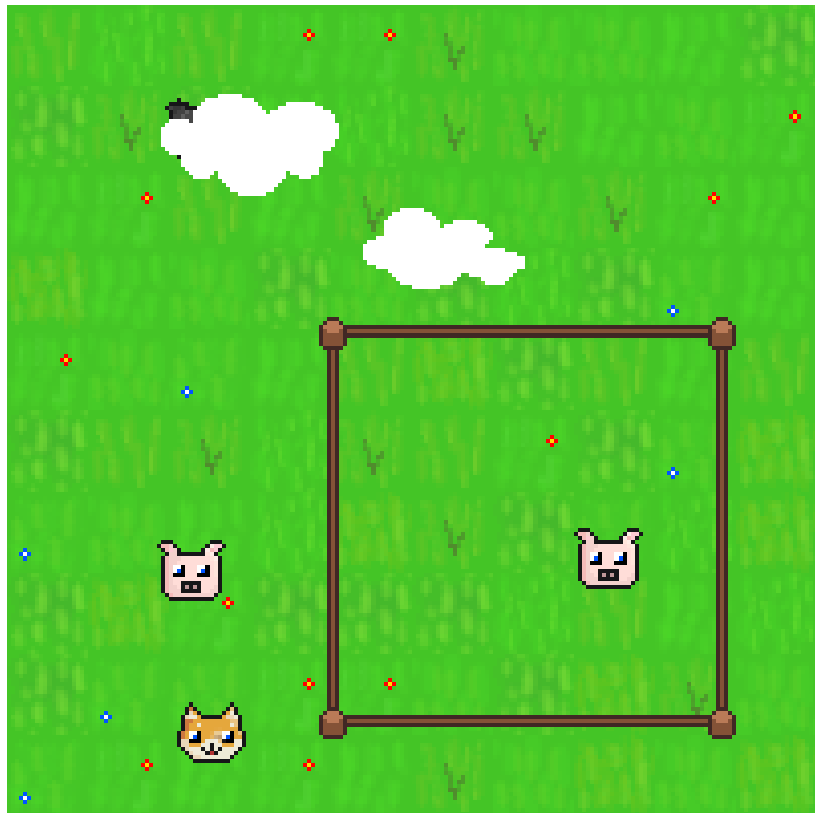
### Metric:

You must achieve a Root Mean Squared Error  
of  $\leq 0.75$  to pass this level.

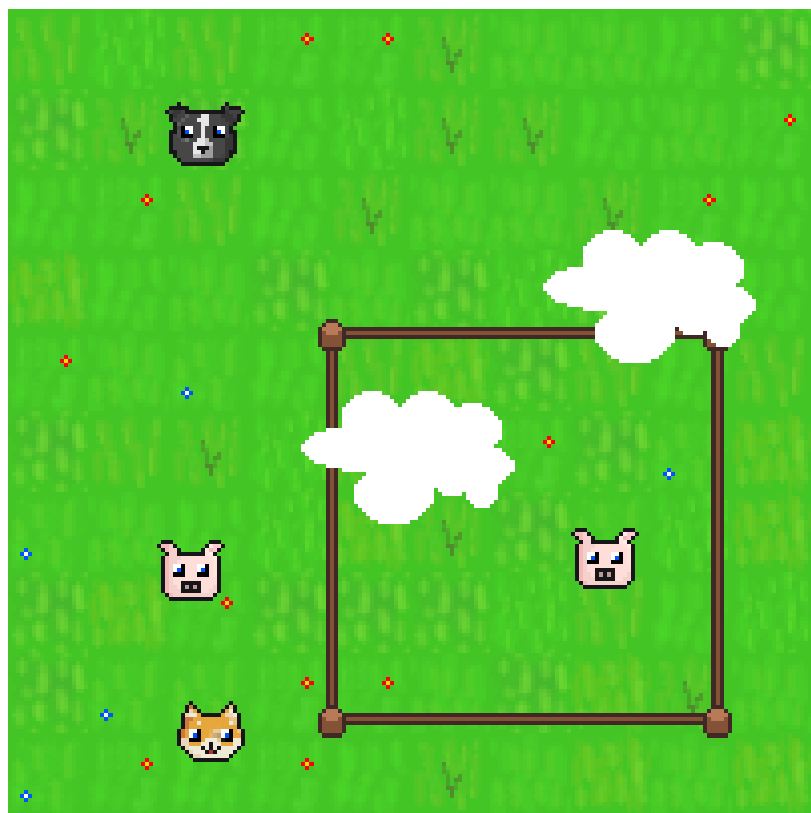


Example Input

Field000\_sample0.png



Field000\_sample1.png



Example Output

4

