Resizing the images to fit CNN

```
In [1]: import matplotlib.pyplot as plt
import matplotlib.image as mping
from PIL import Image, ImageOps
import PIL
import os

In [2]: # Dataset Locations
orig_incorrect = r'D:\data\face_mask\FaceMaskDetection_12k\Dataset\mask_weared_incorrect'
orig_correct = r'D:\data\face_mask\FaceMaskDetection_12k\Dataset\with mask'
orig_without = r'D:\data\face_mask\FaceMaskDetection_12k\Cropped\mask_weared_incorrect'
crop_correct = r'D:\data\face_mask\FaceMaskDetection_12k\Cropped\mask_weared_incorrect'
crop_orrect = r'D:\data\face_mask\FaceMaskDetection_12k\Cropped\without_mask'

In [3]: # set desired output
target_n = 112
target_w = target_h

In gate of the property of th
```

Demonstrate one resize operation

Out[5]: <matplotlib.image.AxesImage at 0x1fb20c07348>



```
In [6]: # resize
#output_img = input_img.resize((target_h, target_w), resample=PIL.Image.Resampling.HAMMING)
output_img = input_img.resize((target_h, target_w))

In [7]: print(output_img.size)
plt.imshow(output_img)
```

(112, 112)
Out[7]: <matplotlib.image.AxesImage at 0x1fb20e47cc8>



 $resize_images_in_dir(orig_correct,\ crop_correct)$