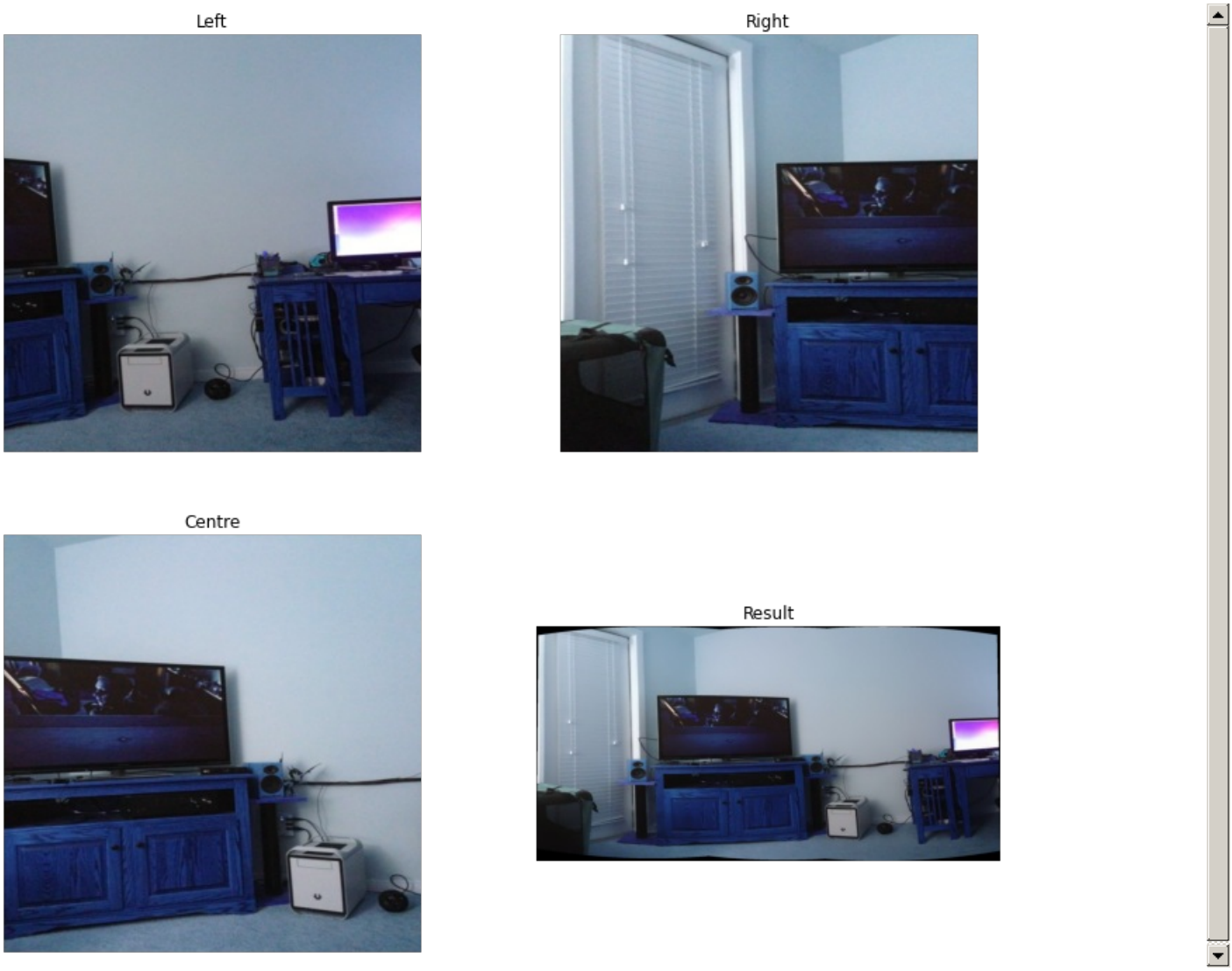
In [1]:

```
import matplotlib.pyplot as plt
```

In [3]:

```
import cv2

import numpy as np
dim = (1024,1024)


right = cv2.imread(r'C:\Users\rj100\OneDrive\Pictures\Camera\New folder\First\1.jpg',cv2.IMREAD_COLOR)
right = cv2.resize(right,dim,interpolation=cv2.INTER_AREA)

centre = cv2.imread(r'C:\Users\rj100\OneDrive\Pictures\Camera\New folder\First\2.jpg',cv2.IMREAD_COLOR)
centre = cv2.resize(centre,dim,interpolation=cv2.INTER_AREA)

left = cv2.imread(r'C:\Users\rj100\OneDrive\Pictures\Camera\New folder\First\3.jpg',cv2.IMREAD_COLOR)
left = cv2.resize(left,dim,interpolation=cv2.INTER_AREA)

images = []
images.append(right)
images.append(centre)
images.append(left)




stitcher = cv2.Stitcher.create()
status,result= stitcher.stitch(images)
if status == cv2.STITCHER_OK:
    print('panorama Generated')
    plt.figure(figsize=(13,12))
    plt.subplot(2,2,1)
    plt.imshow(left), plt.title('Left'),plt.axis('off')
    plt.subplot(2,2,2)
    plt.imshow(right),plt.title('Right'),plt.axis('off')
    plt.subplot(2,2,3)
    plt.imshow(centre),plt.title('Centre'),plt.axis('off')
    plt.subplot(2,2,4)
    plt.imshow(result,cmap='gray'),plt.title('Result'),plt.axis('off')
else:
    print('Panorama Generation Unsuccessful')
```

```
panorama Generated
```



For Images:

https://github.com/kushalvyas/Python-Multiple-Image-Stitching/tree/master/images

In [ ]: