## Nomor 4

```
In [51]: import os
    import cv2
    from matplotlib import pyplot as plt
    import imutils
```

## **Stitching Image**

We use OpenCV's image stitching algorithm that is baked into the OpenCV library itself via cv2.createStitcher and cv2.Stitcher\_create functions.

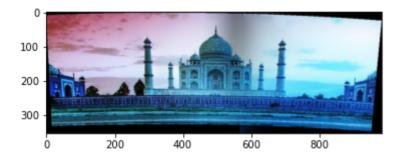
```
In [52]: image_path = 'COMP7116_Computer Vision_REGULER & GLOBAL_UAS - Dataset/Dataset_P4/'
    image_data = [image_path + data for data in os.listdir(image_path)]

image_list = []
    for data in image_data:
        image = cv2.imread(data)
        image_list.append(image)

if imutils.is_cv3(): # OpenCV 3
        stitcher = cv2.createStitcher()
    else: # OpenCV 4
        stitcher = cv2.Stitcher_create()

(status, result) = stitcher.stitch(image_list)

plt.figure(1)
    plt.imshow(result)
    plt.imshow()
```



/