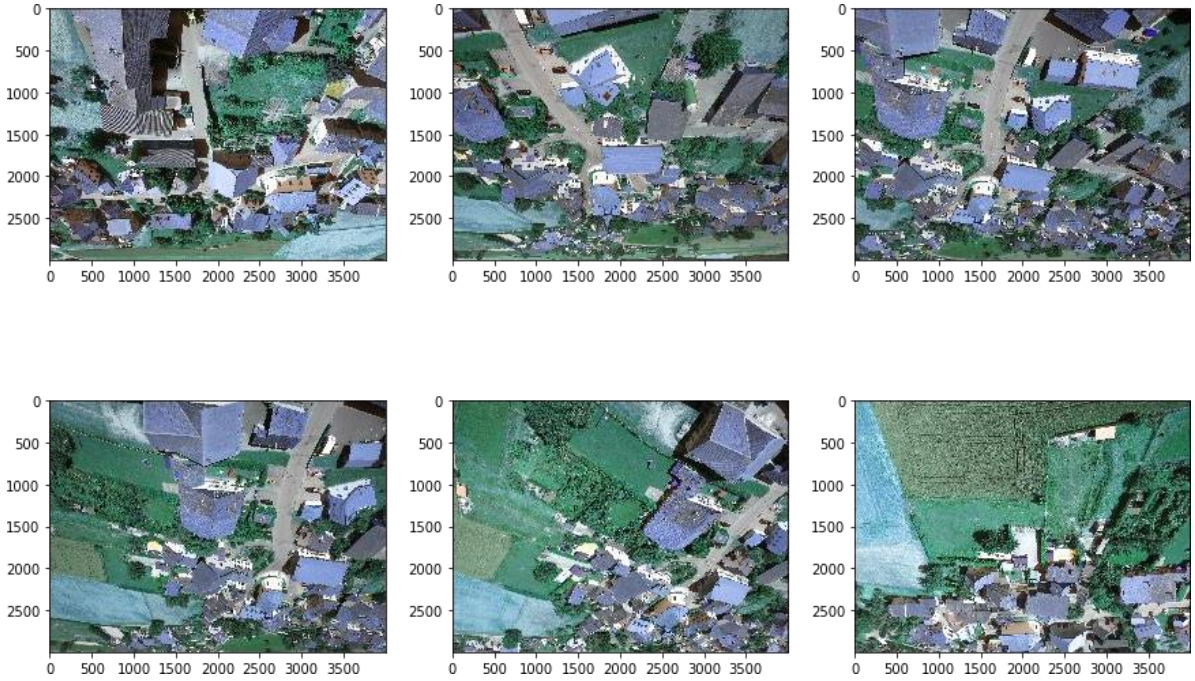
# Image stiching using createStitcher() and Stitcher_create()

In [32]:
```
import imutils
import numpy as np
import cv2 as cv
import matplotlib.pyplot as plt
import os
import glob
```

In [33]:
```
img_dir = r"C:\Users\Saloni\Desktop\images"
data_path = os.path.join(img_dir,'*g')
files = glob.glob(data_path)
data = []
for f1 in files:
    img = cv.imread(f1)
    data.append(img)
```

In [34]:
```
plt.figure(figsize=[15,15])
for i in range(6):
    plt.subplot(3,3,i+1)
    plt.imshow(data[i])
```



Initializing OpenCV's image sticher object and then perform the image stitching
if the status is =0 --> image stitching done successfully
else --> image stitching failed

In [36]:

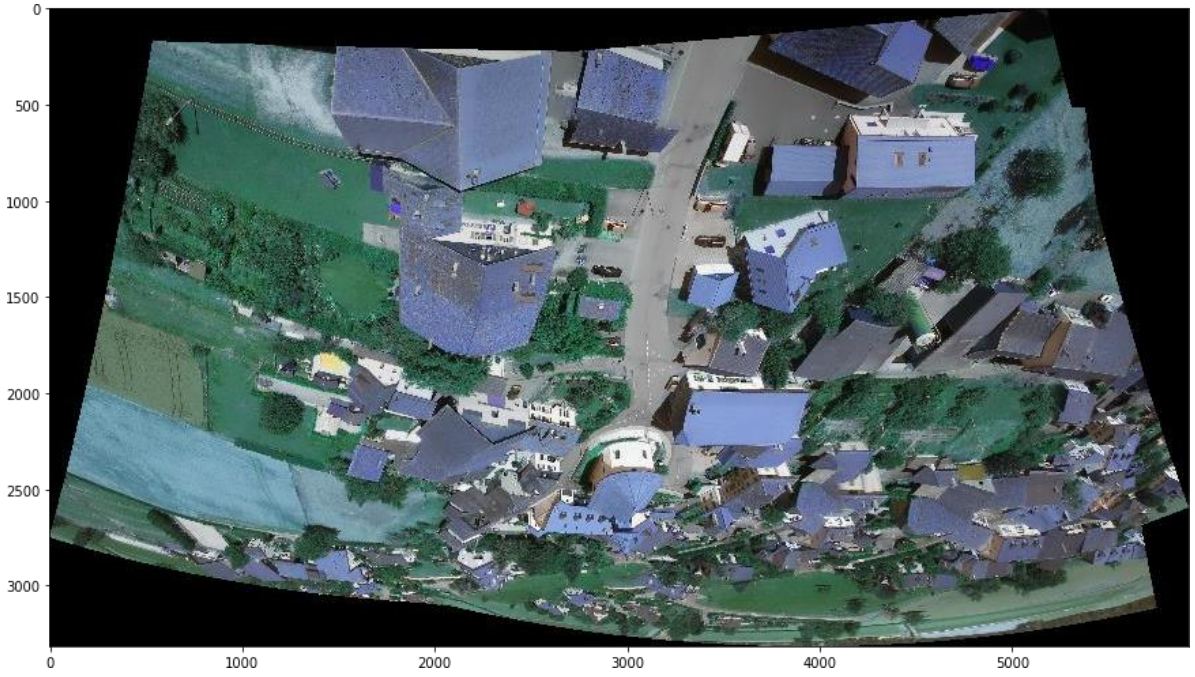
```
print("[INFO] stitching images...")
stitcher = cv.createStitcher() if imutils.is_cv3() else cv.Stitcher_create(
)
(status, stitched) = stitcher.stitch(data)
```

```
[INFO] stitching images...
```

In [37]:

```
if status == 0:
    cv.imwrite("stiched_img.jpg", stitched)
    plt.figure(figsize=[15,15])
    plt.imshow(stitched)
    plt.show()

else:
    print("[INFO] image stitching failed ({})".format(status))
```




In [ ]:

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