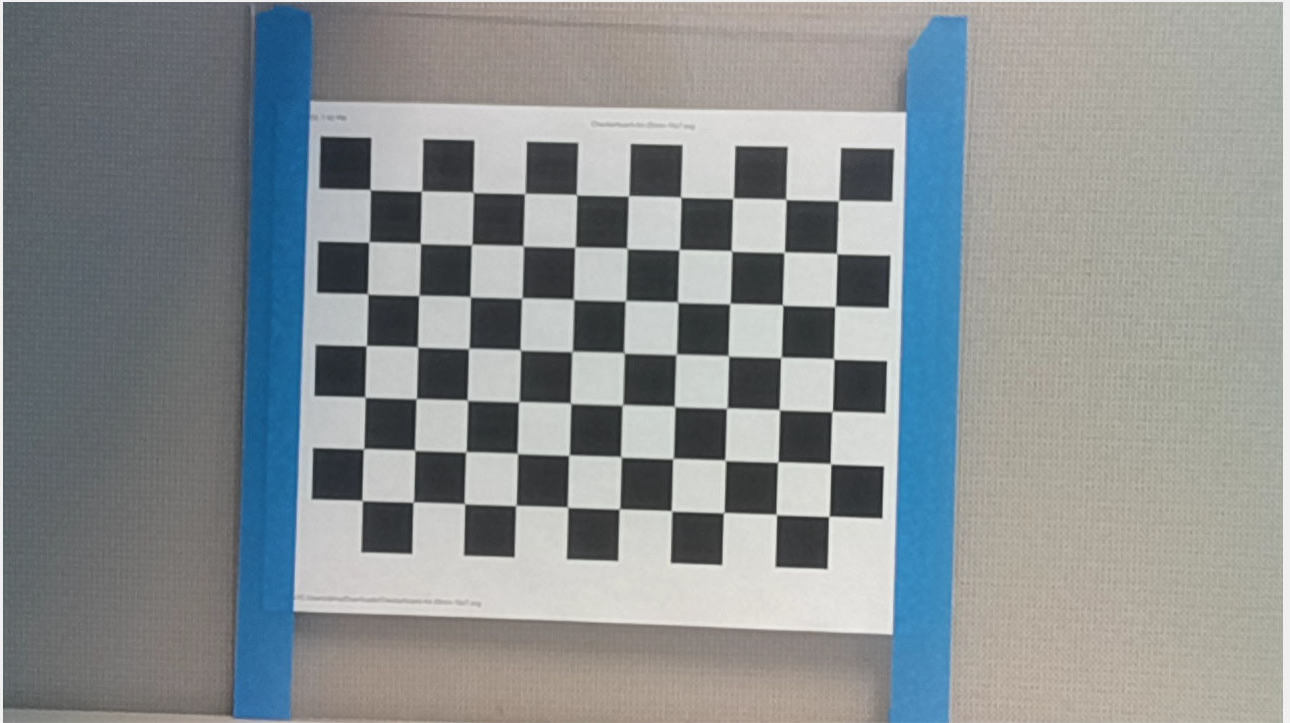


```
I = imread('picture0.jpg');  
imshow(I);
```



```
[x y] = ginput(2);
```



```
f = 1.636331765375964e+03;
z0 = 713.74;
x0 = z0 * (x(1) / f);
x1 = z0 * (x(2) / f);

y0 = z0 * (y(1) / f);
y1 = z0 * (y(2) / f);

distance = sqrt((x1-x0)^2 + (y1 - y0)^2)
```

```
distance = 21.7520
```

```
actual_distance = 21.68
```

```
actual_distance = 21.6800
```