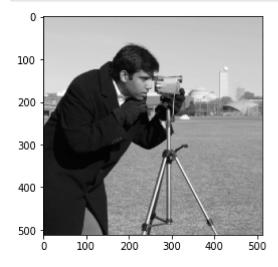
## 11.a)

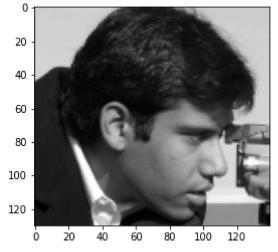
8 bit bir resimg\_orgg\_org içerisinde tespit etmek istenilen bir detay seçip, korelasyon filtresi ile tespit edin.

```
import matplotlib.pyplot as plt
from skimage import data
import numpy as np
from skimage.io import imread
from skimage.color import rgb2gray, gray2rgb
import matplotlib.pylab as plt
from skimage.draw import rectangle_perimeter

img_org = data.camera()
plt.imshow(img_org, cmap='gray')
plt.show()

## template matching
template = img_org[70:200, 140:280]
plt.imshow(template, cmap='gray')
plt.show()
```





```
im = data.camera()
  template = img_org[70:200, 140:280]

# FFT
F = fp.fftn(im)
F_tm = fp.fftn(template, shape=im.shape)

# compute the best match Location
```

70 140

