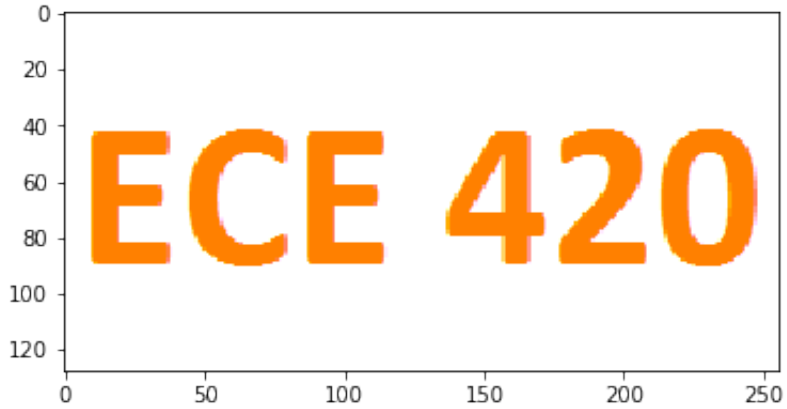
In [1]:
```
import cv2
import matplotlib.pyplot as plt
```

In [2]:
```
img = cv2.imread('logo.png')

plt.figure()
# OpenCV image channel is BGR so we flip the channels to RGB
plt.imshow(img[:,:,::-1])
plt.show()
```



In [3]:
```
h, w, _ = img.shape
rect_size = 20
# pt (x,y)
pt1 = (int(w/2 - rect_size/2), int(h/2 - rect_size/2))
pt2 = (int(w/2 + rect_size/2), int(h/2 + rect_size/2))
blue = (255,0,0) # BGR
thickness = 2
myimg = cv2.rectangle(img, pt1, pt2, blue, thickness)
```

In [4]:
```
text = 'Prelab7'

fontFace = cv2.FONT_HERSHEY_SIMPLEX
fontScale = 1
thickness = 2
red = (0,0,255) # BGR

ww, hh = cv2.getTextSize(text, fontFace, fontScale, thickness)[0]
org = (int(w/2) - int(ww/2)+10, int(h/4))

myimg = cv2.putText(img, text, org, fontFace, fontScale, red, thickness)
```

In [5]:
```
plt.figure()
# OpenCV image channel is BGR so we flip the channels to RGB
plt.imshow(myimg[:,:,::-1])
plt.show()
```