In [2]:
```
import cv2
```

In [3]:
```
from matplotlib import pyplot as plt
```

In [4]:
```
from matplotlib import pyplot as plt
```

In [67]:
```
img=cv2.imread('facedetection.jpg')
```

In [68]:
```
img_gray=cv2.cvtColor(img,cv2.COLOR_BGR2GRAY)
img_rgb=cv2.cvtColor(img,cv2.COLOR_BGR2RGB)
```

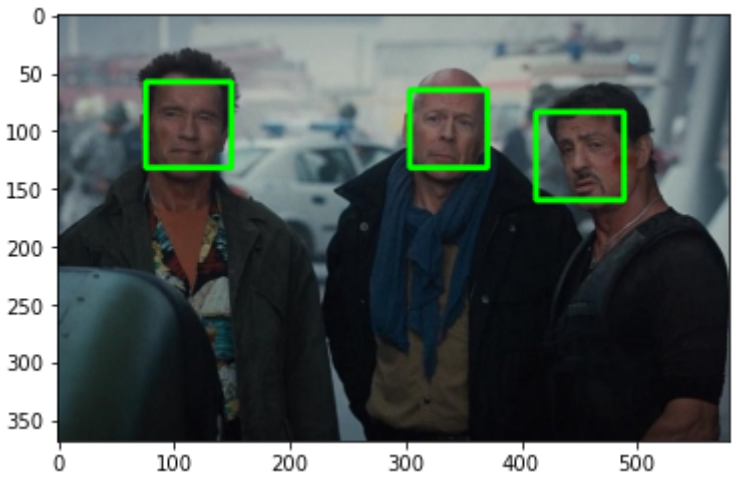
In [69]:
```
stop_data=cv2.CascadeClassifier('haarcascade_frontalface_default.xml')
```

In [70]:
```
found=stop_data.detectMultiScale(img_gray,minSize=(20,20))
```

In [71]:
```
amount_found=len(found)
```

In [72]:
```
if amount_found !=0:
    for(x,y,width,height) in found:
        cv2.rectangle(img_rgb,(x,y),(x+height,y+width),(0,255,0),3)
```

In [73]:
```
plt.subplot(1,1,1)
plt.imshow(img_rgb)
plt.show()
```



In [ ]:
```

```