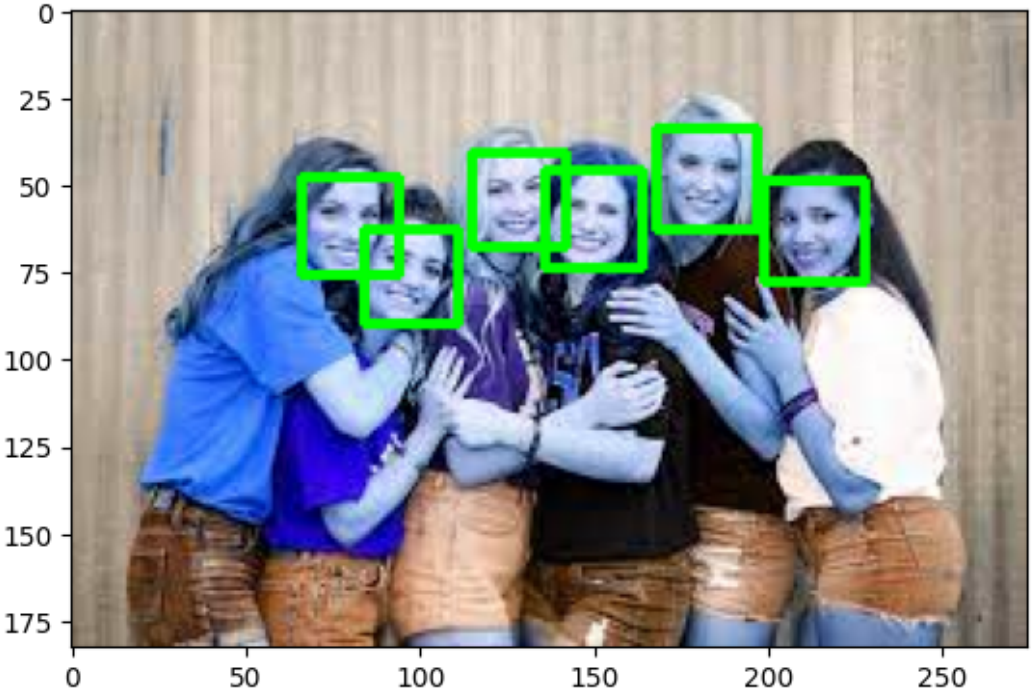
OBJECT_DETECTION

```
#connect with google drive

from google.colab import drive

drive.mount('/content/drive')

#import packages

import cv2

import matplotlib.pyplot as plt


#load cascade classifier training file for haarcascade

face_cascade =
cv2.CascadeClassifier('/content/drive/MyDrive/haarcascade_frontalface_default.xml')

face_cascade = cv2.CascadeClassifier(cv2.data.haarcascades
+'sample_data/haarcascade_frontalface_default.xml')

test = cv2.imread('/content/drive/MyDrive/images.jpg')

#cap-cv2.VideoCapture(0)

#img=cap.read()

#gray_img-cv2.cvtColor(test, cv2.COLOR_BGR2GRAY)

face_cascade = cv2.CascadeClassifier(cv2.data.haarcascades +
'haarcascade_frontalface_default.xml')

faces = face_cascade.detectMultiScale(test, 1.1, 5)

for (x, y, w, h) in faces:

                        cv2.rectangle(test, (x, y), (x+w, y+h), (0, 255, 0), 2)

                       plt.imshow(test)
```


0
25
50
75
100
125
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175
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