▼ face detection problem

```
import cv2
facecascade=cv2.CascadeClassifier('/content/haarcascade_frontalface_default.xml')

from google.colab.patches import cv2_imshow
image=cv2.imread('/content/group of ppl.jpg')
cv2_imshow(image)
image.shape[:2]
```



gray=cv2.cvtColor(image,cv2.COLOR_BGR2GRAY)
cv2_imshow(gray)





image1=cv2.imread('/content/grp of ppl.jpg')
cv2_imshow(image1)
image1.shape[:2]



gray=cv2.cvtColor(image1,cv2.COLOR_BGR2GRAY)
cv2_imshow(gray)



```
faces=facecascade.detectMultiScale(
    gray,
    scaleFactor=1.1,
    minNeighbors=5,
    minSize=(10,10)
)

print("found {0} faces.".format(len(faces)))
    found 4 faces.

for (x,y,w,h) in faces:
    cv2.rectangle(image1,(x,y),(x+w,y+h),(0,255,255),1)

cv2_imshow(image1)
```



face_img=cv2.imread('/content/cr7face.jpg')
cv2_imshow(face_img)
face_img.shape[:2]



face_img=cv2.resize(face_img,(600,500))
cv2_imshow(face_img)

gray=cv2.cvtColor(face_img,cv2.COLOR_BGR2GRAY)
cv2_imshow(gray)



```
faces1=facecascade.detectMultiScale(
    gray,
    scaleFactor=1.1,
    minNeighbors=5,
    minSize=(10,10)
)

print("found {0} face".format(len(faces1)))
    found 1 face

for (x,y,w,h) in faces1:
    cv2.rectangle(face_img,(x,y),(x+w,y+h),(0,255,255),1)
```

cv2_imshow(face_img)

