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In [ ]: #Assignment 4: Face Detection from an image using Open CV
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In [ ]: import cv2
face_detection=cv2.CascadeClassifier(cv2.data.harcascades+'haarcascade_frontalface')

image=cv2.imread("friends2.jpg")

greyimage=cv2.cvtColor(image,cv2.COLOR_BGR2GRAY)
fame=face_detection.detectMultiScale(greyimage)

for x,y,h,w in fame:
    cv2.rectangle(image,(x,y),(x+h,y+w),(0,0,255),2)

cv2.imshow("friends",image)
cv2.waitKey(0)
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