

```
import cv2

def detect_faces(image_path):

    # Load Haar cascade for face detection

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


    # Load image

    image = cv2.imread(r"C:\Users\SAIL\Downloads\CV\human.jpg")

    if image is None:

        print("Error: Could not load image.")

        return


    # Convert to grayscale

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


    # Detect faces

    faces = face_cascade.detectMultiScale(gray, scaleFactor=1.1, minNeighbors=5, minSize=(30, 30))


    # Draw rectangles around detected faces

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

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


    # Display result

    cv2.imshow("Detected Faces", image)

    cv2.waitKey(0)
```

```
cv2.destroyAllWindows()
```

```
# Example usage
```

```
detect_faces("face_image.jpg")
```

