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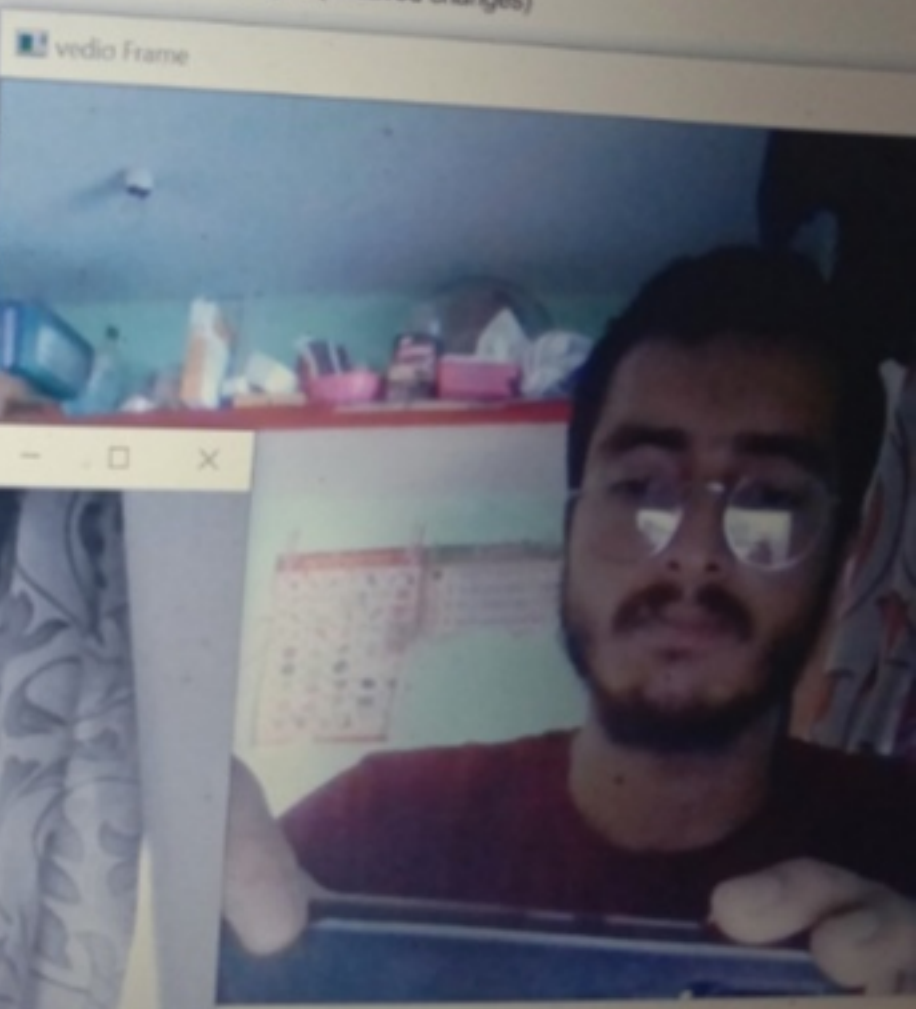
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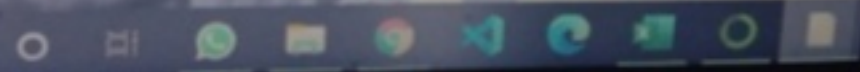
```
while True:
    ret, frame=cap.read()
    gray_frame=cv2.cvtColor(frame,cv2.COLOR_BGR2GRAY)
    if ret==False:
        continue

    cv2.imshow("vedio Frame",frame)
    cv2.imshow("Gray Frame",gray_frame)
```

Frame

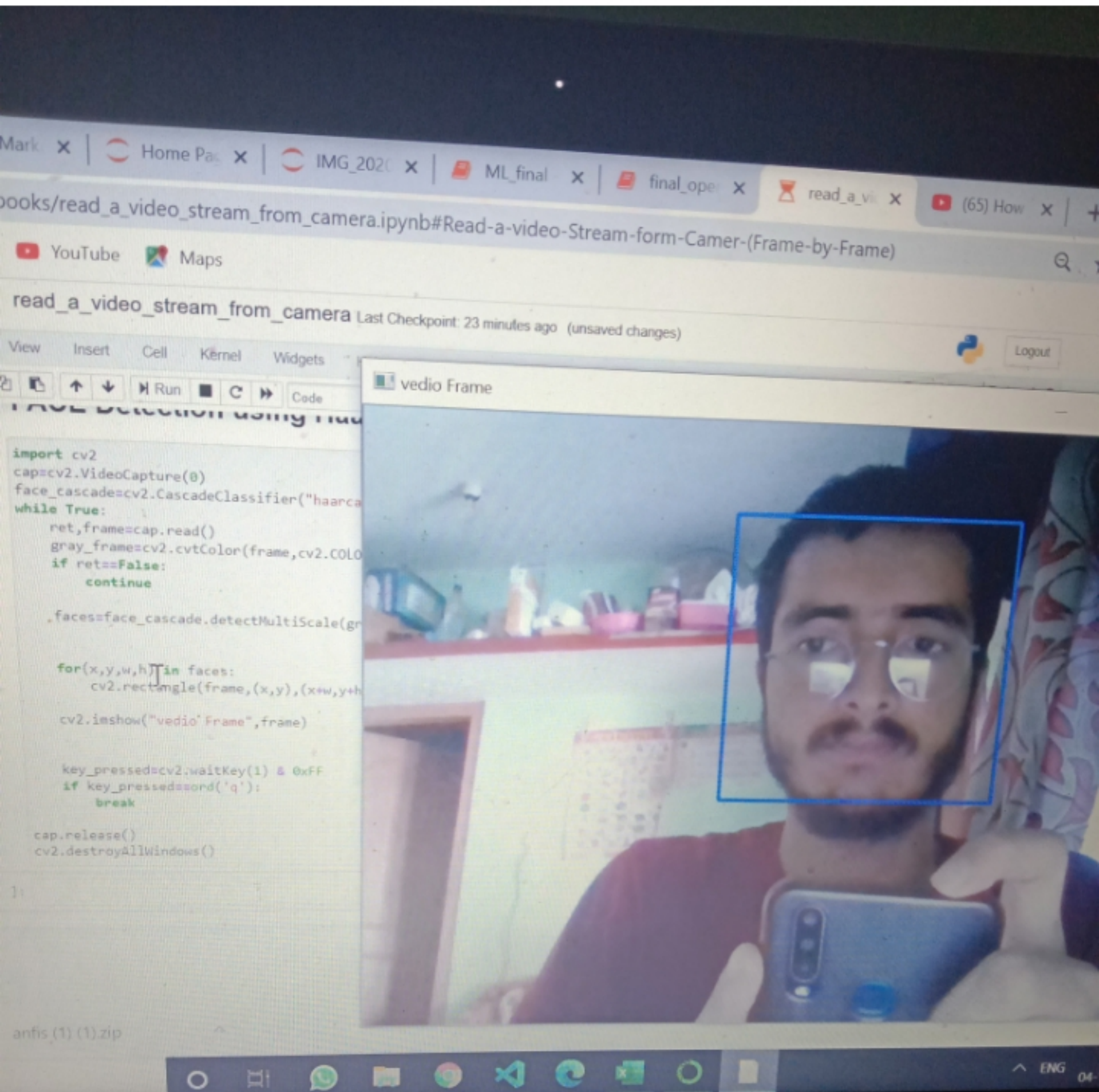


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continue

```
faces=face_cascade.detectMultiSc
```

```
for face in faces:  
    x,y,w,h=face
```

```
    #get the face ROI  
    offset=10  
    face_section=frame[y-offset:  
    face_section=cv2.resize(face
```

```
    #predicted label(out)  
    outknn(trainset,face_section
```

```
#display on the screen the name
```

```
    pred_namesnames[int(out)]  
    cv2.putText(frame,pred_name,
```

```
    cv2.rectangle(frame,(x,y),(x
```

```
cv2.imshow("Face",frame)
```

```
key=cv2.waitKey(1) & 0xff  
if keyord('q'):  
    break
```

```
cap.release()  
cv2.destroyAllWindows()
```

```
Loaded ahl1_chotu.npy  
Loaded Bumenia_alr.npy  
Loaded Chanan_lal.npy  
Loaded chinala.npy  
Loaded diksha_nana.npy  
Loaded FIROZ_Thakur.npy  
Loaded Shree...
```

Face

