

المشروع

Object detection on Mohamed Salah goals in Senegal

اسم الطالب

ملاك ميلاد فريد سعيد

الكود

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اسم المادة

Multimedia

الدكتور المشرف

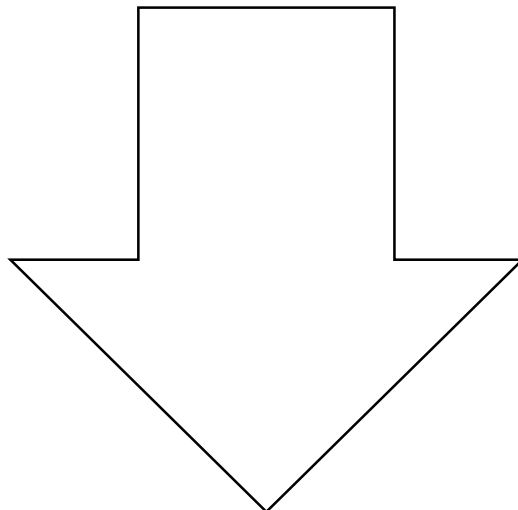
د. وليد محمود

1-First install numpy by pip install numpy in command prompt.

2-Second install opencv-python by pip install opencv-python in command prompt.

3-last install opencv-contrib by pip install opencv-contrib-python.

My code



```
import cv2
import numpy as np
tracker = cv2.TrackerMIL_create()
video = cv2.VideoCapture('salah.mp4')
ok,frame=video.read()

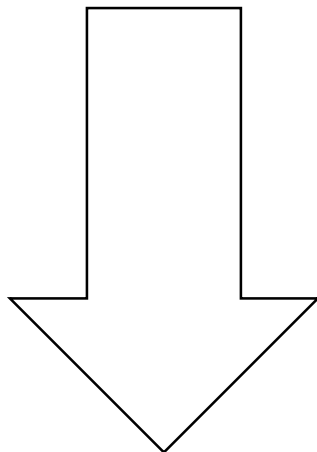
bbox = cv2.selectROI(frame)

ok = tracker.init(frame,bbox)

while True:
    ok,frame=video.read()
    if not ok:
        break
    ok,bbox=tracker.update(frame)
    if ok:
        (x,y,w,h)=[int(v) for v in bbox]
        cv2.rectangle(frame,(x,y),(x+w,y+h),
(0,255,0),2,1)
    else:
        cv2.putText(frame,'Error',(100,0),
cv2.FONT_HERSHEY_SIMPLEX,1,
(0,0,255),2)
```

```
cv2.imshow('Tracking',frame)
if cv2.waitKey(1) & 0xFF==27:
    break
cv2.destroyAllWindows()
```

output



ROI selector



Tracking



