

```

59
60 elif tracking_flag == 0:
61
62     # Initialize KCF Tracker and Start Tracking
63     # 1. Create a KCF Tracker
64     # 2. Initialize KCF Tracker with grayscale image and ROI
65     # 3. Modify tracking flag to start tracking
66     # Your code starts here
67     tracker = cv2.TrackerKCF_create()
68     flag = tracker.init(frame,roi)
69     tracking_flag = 1
70
71
72
73 else:
74
75     # Update tracking result is succeed
76     # If failed, print text "Tracking failure occurred!" at top left corner of the frame
77     # Calculate and display "FPS@fps_value" at top right corner of the frame
78     # Your code starts here
79     flag, roi = tracker.update(frame)
80     if not(flag):
81         cv2.putText(frame,"Tracking failure occurred!",(10,30),cv2.FONT_HERSHEY_DUPLEX,0.75,(0,255,0),2)
82     fps = cv2.getTickFrequency()/(cv2.getTickCount() - start)
83     cv2.putText(frame,"FPS@"+str(fps),(400,30),cv2.FONT_HERSHEY_DUPLEX,0.75,(0,255,0),2)
84

```



Rectangle around target,
Text "FPS@ +fps" when tracking
tracking



Rectangle around the target

Text "Tracking Failure occurred!" when object is missing