```
import cv2
import mediapipe as mp
mp_drawing = mp.solutions.drawing_utils
mp_drawing_styles = mp.solutions.drawing_styles
mp_hands = mp.solutions.hands
IMAGE_FILES = []
with mp_hands.Hands(
    static_image_mode=True,
    max_num_hands=2,
   min_detection_confidence=0.5) as hands:
  for idx, file in enumerate(IMAGE_FILES):
    image = cv2.flip(cv2.imread(file), 1)
    results = hands.process(cv2.cvtColor(image, cv2.COLOR_BGR2RGB))
    print('Handedness:', results.multi_handedness)
    if not results.multi_hand_landmarks:
    image_height, image_width, _ = image.shape
    annotated_image = image.copy()
    for hand_landmarks in results.multi_hand_landmarks:
     print('hand_landmarks:', hand_landmarks)
     print(
          f'{hand_landmarks.landmark[mp_hands.HandLandmark.INDEX_FINGER_TIP].x * image_width},
          f'{hand_landmarks.landmark[mp_hands.HandLandmark.INDEX_FINGER_TIP].y * image_height})'
      mp_drawing.draw_landmarks(
          annotated_image,
          hand landmarks.
          mp_hands.HAND_CONNECTIONS,
          mp_drawing_styles.get_default_hand_landmarks_style(),
          mp_drawing_styles.get_default_hand_connections_style())
    cv2.imwrite(
        r'C:\Users\gauri\Desktop\OpenCV Media' + str(idx) + '.png', cv2.flip(annotated_image, 1))
cap = cv2.VideoCapture(0)
with mp_hands.Hands(
    min_detection_confidence=0.5,
   min_tracking_confidence=0.5) as hands:
  while cap.isOpened():
    success, image = cap.read()
    if not success:
     print("Ignoring empty camera frame.")
    image = cv2.cvtColor(cv2.flip(image, 1), cv2.COLOR_BGR2RGB)
    image.flags.writeable = False
    results = hands.process(image)
    image.flags.writeable = True
    image = cv2.cvtColor(image, cv2.COLOR_RGB2BGR)
    if results.multi_hand_landmarks:
      for hand_landmarks in results.multi_hand_landmarks:
        mp_drawing.draw_landmarks(
            image,
            hand landmarks,
            mp_hands.HAND_CONNECTIONS,
            mp_drawing_styles.get_default_hand_landmarks_style()
            mp_drawing_styles.get_default_hand_connections_style())
    cv2.imshow('MediaPipe Hands', image)
    if cv2.waitKey(5) \& 0xFF == 27:
     hreal
cap.release()
```