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In [ ]: import cv2
import numpy as np
import time

print("""
Harry : Hey !! Would you like to try my invisibility cloak ??
        Its awesome !!
        Prepare to get invisible .....
""")

cap = cv2.VideoCapture(0)
time.sleep(3)
background = 0
for i in range(30):
    ret, background = cap.read()

background = np.flip(background, axis=1)

while (cap.isOpened()):
    ret, img = cap.read()

    # Flipping the image (Can be uncommented if needed)
    img = np.flip(img, axis=1)

    # Converting image to HSV color space.
    hsv = cv2.cvtColor(img, cv2.COLOR_BGR2HSV)
    value = (35, 35)

    blurred = cv2.GaussianBlur(hsv, value, 0)

    # Defining lower range for red color detection.
    lower_red = np.array([0, 120, 70])
    upper_red = np.array([10, 255, 255])
    mask1 = cv2.inRange(hsv, lower_red, upper_red)

    # Defining upper range for red color detection
    lower_red = np.array([170, 120, 70])
    upper_red = np.array([180, 255, 255])
    mask2 = cv2.inRange(hsv, lower_red, upper_red)

    # Addition of the two masks to generate the final mask.
    mask = mask1 + mask2
    mask = cv2.morphologyEx(mask, cv2.MORPH_OPEN, np.ones((5, 5), np.uint8))

    # Replacing pixels corresponding to cloak with the background pixels.
    img[np.where(mask == 255)] = background[np.where(mask == 255)]
    cv2.imshow('Display', img)
    k = cv2.waitKey(10)
    if k == 27:
        break

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In []: