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