OPENCY CODE FOR THE VIDEO DETECTION

```
frame = cv2.cvtColor(frame, cv2.COLOR BGR2RGB)
frame = frame.astype(np.float32) / 255.0
class index = np.argmax(predictions)
```

OPENCY CODE FOR WITH IMAGE DETECTION

```
import numpy as np
model = load model('converted keras/keras model.h5')
image = cv2.resize(image, (224, 224))
image = image.astype(np.float32) / 255.0
image = np.expand dims(image, axis=0)
predictions = model.predict(image)
class index = np.argmax(predictions)
image = cv2.cvtColor(image[0], cv2.COLOR RGB2BGR)
cv2.putText(image, class label, (10, 30), cv2.FONT HERSHEY SIMPLEX, 1, (0,
cv2.destroyAllWindows()
```