

In [1]:



```
import cv2
import numpy as np
import matplotlib.pyplot as plt
import webbrowser
```

In [2]:



```

inputImage = cv2.imread("./data/QRCode.png")
qrDecoder = cv2.QRCodeDetector()

# QR코드를 찾고 디코드해줍니다
data, bbox, _ = qrDecoder.detectAndDecode(inputImage)

if len(data) > 0:
    print("Decoded Data : {}".format(data))
    decodedText, points, _ = qrDecoder.detectAndDecode(inputImage)

    if points is not None:
        nrOfPoints = len(points)

        for i in range(nrOfPoints):
            nextPointIndex = (i+1) % nrOfPoints
            #p1 = points[i][0].astype(np.int32)
            #p2 = points[nextPointIndex][0].astype(np.int32)
            #cv2.line(inputImage, tuple(p1), tuple(p2), (0,0,255), 3)
            cv2.line(inputImage, tuple(points[i][0]), tuple(points[nextPointIndex][0]), (0,0,255),3)

        # display
        cv2.imshow('QR Code', inputImage)
        cv2.waitKey()
        cv2.destroyAllWindows()

        # web browser
        webbrowser.open(data)

else:
    print("QR Code not detected")

```

Decoded Data : <https://www.catholic.ac.kr> (<https://www.catholic.ac.kr>)

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SystemError                                Traceback (most recent call last)
<ipython-input-2-3c6740939cee> in <module>
    18             #cv2.line(inputImage, tuple(p1), tuple(p2), (0,0,255),
    3)
    19             #cv2.line(inputImage, tuple(points[i][0]), tuple(points
[nextPointIndex][0]), (0,0,255),3)
--> 20             cv2.line(inputImage, points[i][0], points[nextPointIndex][0
], (0,0,255),3)
    21
    22     # display

```

SystemError: new style getargs format but argument is not a tuple

In []:



