```python
In [40]:    from tkinter import *
            from tkinter import messagebox
            import pyqrcode
            import os
```

```python
In [41]:    window = Tk()
            window.title("QR Code Generator")
            def generate():
                if len(subject.get()) != 0:
                    global myQr
                    myQr = pyqrcode.create(subject.get())
                    qrImage = myQr.xbm(scale= 6)
                    global photo
                    photo = BitmapImage(data = qrImage)
                else:
                    messagebox.showinfo("Error!", "Please Enter The Subject")
                try:
                    showCode()
                except:
                    pass
            def showCode():
                global photo
                notificationLabel.config(image=photo)
                subLabel.config(text="Showing QR code for: " + subject.get())

            def save():
                dir = path1 = os.getcwd() + "\\QR Codes"
                if not os.path.exists(dir):
                    os.makedirs(dir)
                try:
                    if len(name.get())!= 0:
                        qrImage = myQr.png(os.path.join(dir,name.get() + ".png"), scale=6)
                    else:
                        messagebox.showinfo("Error!", "File name cant be empty!")
                except:
                    messagebox.showinfo("Error!", "Please generate the code first")

            lab1 = Label(window, text="Enter Subject", font=("Helvetica", 12))
            lab1.grid(row=0, column=0, sticky=N + S + E + W)
            lab2 = Label(window, text="Enter File Name", font=("Helvetica", 12))
            lab2.grid(row=1, column=0, sticky=N + S + E + W)

            subject = StringVar()
            subjectEntry = Entry(window, textvariable=subject, font=("Helvetica", 12))
            subjectEntry.grid(row = 0, column=1, sticky=N + S + E + W)

            name = StringVar()
            nameEntry = Entry(window, textvariable=name, font=("Helvetica", 12))
            nameEntry.grid(row = 1, column=1, sticky=N + S + E + W)

            createButton = Button(window, text="Create QR code", font=("Helvetica", 12), width=15, command = generate)
            createButton.grid(row = 0, column=3, sticky=N + S + E + W)
            notificationLabel = Label(window)
            notificationLabel.grid(row = 2, column=1, sticky=N + S + E + W)

            subLabel = Label(window, text="")
            subLabel.grid(row = 3, column=1, sticky=N + S + E + W)

            showButton = Button(window, text="save as PNG", font=("Helvetica", 12), width=15, command = save)
            showButton.grid(row = 1, column=3, sticky=N + S + E + W)


            totalRows = 3
            totalCols = 3
            for row in range(totalRows + 1):
                window.grid_rowconfigure(row, weight=1)
            for col in range(totalCols + 1):
                window.grid_columnconfigure(col, weight=1)

            window.mainloop()
```

```python
In [ ]:
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