Simple HTTP Server with QR Code Access

This Python script **creates a local web server** and generates a **QR code** so you can easily access it from any device. Just **scan the QR code** with your phone, and it will **open the server's webpage** in your browser.

What This Script Does:

✅ **Starts a local HTTP server** to share files from your **Desktop** folder.
✅ **Finds your computer's local IP address** and assigns a port (default: **8010**).
✅ **Generates a QR code** with the server's address (e.g., http://192.168.1.100:8010).
✅ **Lets you open the server easily** on any device by scanning the QR code.

What You Need:

📌 **Python 3.x** installed on your computer.
📌 Install the required Python modules:

nginx

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pip install pyqrcode pypng

📌 Make sure your **computer and phone** are connected to the same **Wi-Fi network**.

How to Run the Script:

1️⃣ **Save the script** (code is below) as server.py.
2️⃣ **Run it** using this command in the terminal or command prompt:

nginx

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python server.py

3️⃣ The script will:

- Start a web server.

- Show you a **QR code** (saved as myqr.svg).
- Print a message like this:

kotlin

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Serving at port 8010

Type this in your Browser: http://192.168.1.100:8010 or scan the QR code.

4️⃣ **Scan the QR code** with your mobile phone's camera or a QR scanner app.
5️⃣ The server's **webpage will open** in your browser! 🎉

How It Works:

📂 **Starts a local server** and shares files from your Desktop.
📍 **Finds your computer's IP address** and sets up a webpage.
📸 **Creates a QR code** so you can easily open the webpage on any device.
🌐 **Lets you access the server** by typing the IP or scanning the QR code.

Things to Keep in Mind:

🔹 Make sure **port 8010** is **not being used** by another app.
🔹 If your **Desktop path is different**, update the desktop variable in the script.
🔹 The script **only works on the same network**, so your phone and computer must be connected to the same **Wi-Fi**.