**Starting The Api on local server :**

**Checking Firewall Settings**

Ensure that the firewall on the machine running FastAPI allows incoming connections on the specified port (8000 in this case). You might need to create an inbound rule to allow traffic on this port.

**Example for Windows Firewall**

To create an inbound rule in Windows Firewall:

1. Open Windows Defender Firewall with Advanced Security.
2. Click on "Inbound Rules" in the left pane.
3. Click "New Rule..." in the right pane.
4. Select "Port" and click "Next".
5. Select "TCP" and enter the port number (e.g., 8000), then click "Next".
6. Allow the connection and click "Next".
7. Select the network profiles this rule applies to (Domain, Private, Public) and click "Next".
8. Give the rule a name and click "Finish".
9. **Example for Linux iptables**
10. For Linux systems using iptables, you can allow incoming traffic on port 8000 with:
11. bash
12. Copy code
13. sudo iptables -A INPUT -p tcp --dport 8000 -j ACCEPT

Running command :

uvicorn main:app --host 0.0.0.0 --port 8000