How to Host Your langflow project on your localhost

Step1) Build your lagflow project using langflow platform from your laptop .

Step2) **Create Langflow API Key –**

From langflow paltform

Profile- Seetings – Langflow API Keys – Name(demo)

LANGFLOW_API_KEY= “Paste Your Langflow API KEY”

Step3) **Create Python deployable code**

From langflow paltform

Share- API Access -Python -Copy code

Save this code as app.py file

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1)Replace your Langflow API key

api_key = "Paste Your API Key "

2)check your URL

url = "http://localhost:7860/api/v1/run/30d9ce86-194f-44ba-a15a-f822c3ac4f57" # The complete API endpoint URL for this flow

3) change input value

"input_value": "What is Agentic AI"

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code for app.py

############

import requests

import os

API Configuration

try:

```
    api_key = "Your Langflow API Key"
except KeyError:
    raise ValueError("LANGFLOW_API_KEY environment variable not found. Please set your API key in the environment variables.")

url = "http://localhost:7860/api/v1/run/30d9ce86-194f-44ba-a15a-f822c3ac4f57"  # The complete API endpoint URL for this flow

# Request payload configuration
payload = {
    "output_type": "chat",
    "input_type": "chat",
    "input_value": "What is Agentic AI"
}

# Request headers
headers = {
    "Content-Type": "application/json",
    "x-api-key": api_key  # Authentication key from environment variable
}

try:
    # Send API request
    response = requests.request("POST", url, json=payload, headers=headers)
    response.raise_for_status()  # Raise exception for bad status codes

    # Print response
    print(response.text)
```

```
except requests.exceptions.RequestException as e:
    print(f"Error making API request: {e}")
except ValueError as e:
    print(f"Error parsing response: {e}")
```

Step4) Open VS code Editor (any editor you like) .

Create folder **LangflowAgentProject**

Step5) save your file app.py into folder **LangflowAgentProject**

Step6)

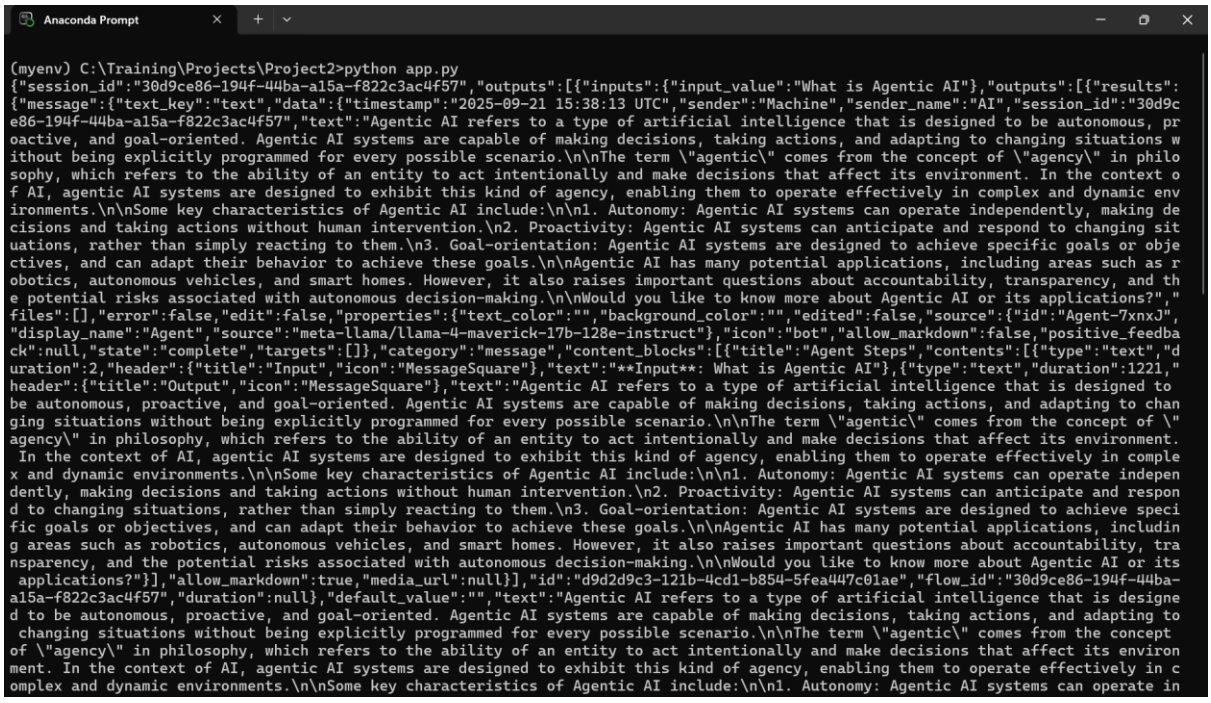
python -m venv myenv python==3.10

myenv\Scripts\activate

pip install requests

python app.py

You will get result on your local machine / laptop



Congratulations!