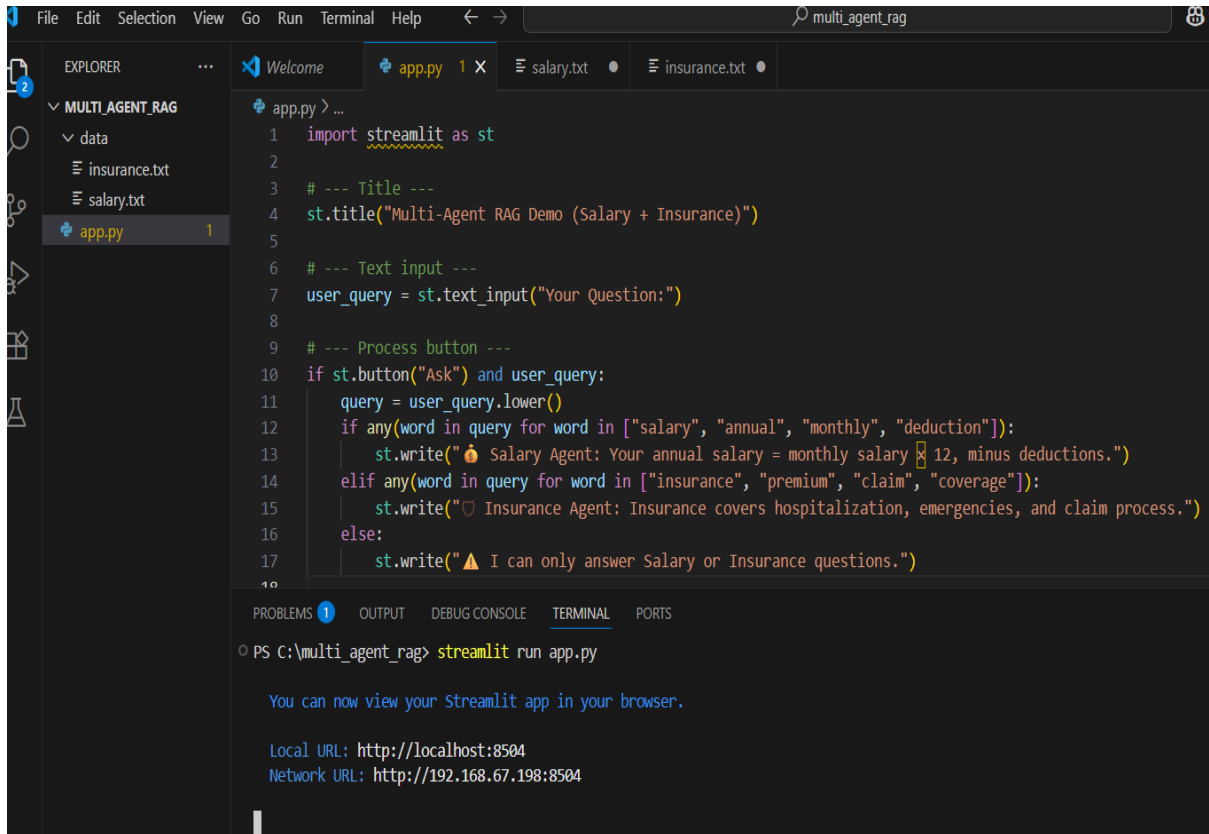


# Simple Multi-Agent RAG System

## Example Query & Output

- Input: "How do I calculate annual salary?"
- Output: "Your annual salary is monthly salary  $\times$  12, minus deductions."

## Code:



```
File Edit Selection View Go Run Terminal Help multi_agent_rag

EXPLORER
  MULTI_AGENT_RAG
    data
      insurance.txt
      salary.txt
    app.py 1

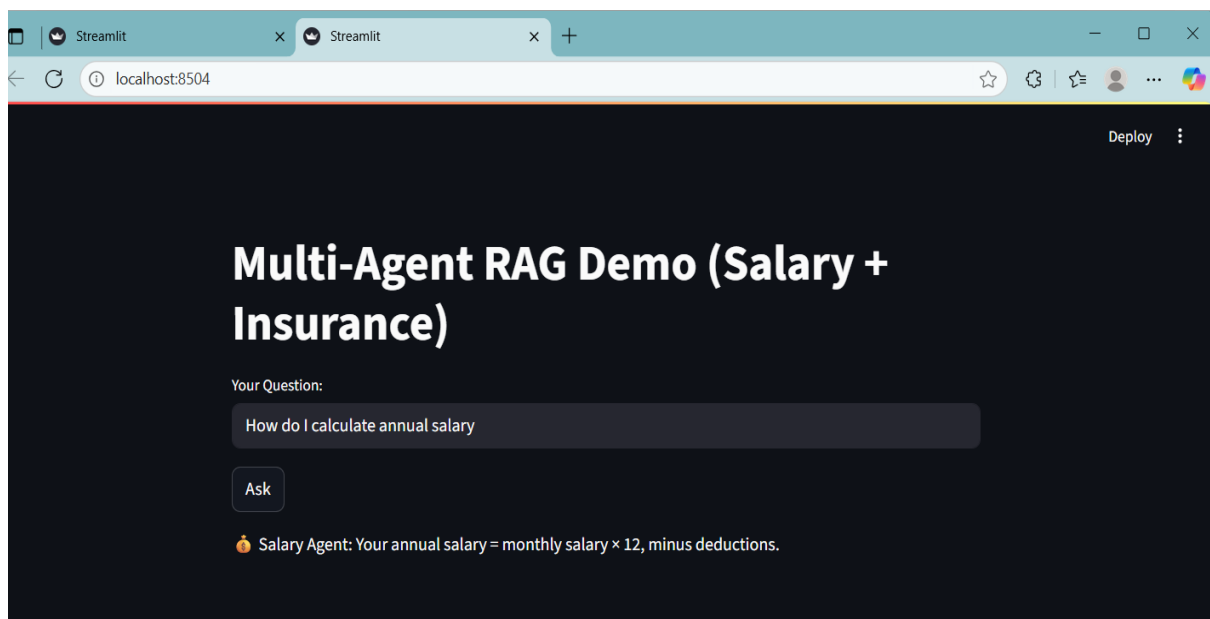
app.py > ...
1 import streamlit as st
2
3 # --- Title ---
4 st.title("Multi-Agent RAG Demo (Salary + Insurance)")
5
6 # --- Text input ---
7 user_query = st.text_input("Your Question:")
8
9 # --- Process button ---
10 if st.button("Ask") and user_query:
11     query = user_query.lower()
12     if any(word in query for word in ["salary", "annual", "monthly", "deduction"]):
13         st.write("💡 Salary Agent: Your annual salary = monthly salary  $\times$  12, minus deductions.")
14     elif any(word in query for word in ["insurance", "premium", "claim", "coverage"]):
15         st.write("💡 Insurance Agent: Insurance covers hospitalization, emergencies, and claim process.")
16     else:
17         st.write("⚠️ I can only answer Salary or Insurance questions.")
18

PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\multi_agent_rag> streamlit run app.py

You can now view your Streamlit app in your browser.

Local URL: http://localhost:8504
Network URL: http://192.168.67.198:8504
```

## Output:



# Simple Multi-Agent RAG System

