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1  (langgraph-new) ranjan@aileaderx:/mnt/d/lang-graph$ python langgraph_tool_workflow.py
2
3  📄 LangGraph ASCII View:
4      +-----+
5      | __start__ |
6      +-----+
7          *
8          *
9          *
10         +-----+
11         | agent |
12         +-----+
13             .      *
14             ..     **
15             .      *
16 +-----+      +-----+
17 | __end__ |      | tool |
18 +-----+      +-----+
19 ☑ PNG DAG saved as: langgraph_dag.png
20
21 🚀 Running graph...
22
23 📄 Agent invoked
24 📄 Agent response:
25 ⚡ Routing to tool node
26 ⚡ Tool node triggered
27 🔗 Tool Call: calculator | Args: {'expression': '21 * 2'}
28 📄 Evaluating expression: 21 * 2
29 ☑ Tool Output: 42
30 📄 Agent invoked
31 📄 Agent response: The result of the calculation is 42. So, 21 multiplied by 2 is indeed
42!
32 ⚡ Routing to end node
33
34 📄 Final Conversation:
35 SYSTEM: You are a math assistant. When asked to perform calculations, use the calculator
tool.
36 HUMAN: What is 21 multiplied by 2? Please use the calculator tool.
37 AI:
38 TOOL: 42
39 AI: The result of the calculation is 42. So, 21 multiplied by 2 is indeed 42!

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