

Local MCP server:

```
Welcome to Cloud Shell! Type "help" to get started, or type "gemini" to try prompting with Gemini CLI.
To set your Cloud Platform project in this session use `gcloud config set project [PROJECT_ID]`.
You can view your projects by running `gcloud projects list`.
nikhilkhanchandani@cloudshell:~/currency-agent$ # In a new shell (same directory ~/currency-agent)
uv run mcp-server/test_server.py
--- ✨ Tool found: get_exchange_rate ---
--- 📞 Calling get_exchange_rate tool for USD to EUR ---
--- ✅ Success: {"amount":1.0,"base":"USD","date":"2025-10-27","rates":{"EUR":0.85911}} ---
nikhilkhanchandani@cloudshell:~/currency-agent$
```

Deploy MCP:

```
nikhilkhanchandani@cloudshell:~/currency-agent$ cd ~/currency-agent
uv run mcp-server/test_server.py
--- ✨ Tool found: get_exchange_rate ---
--- 📞 Calling get_exchange_rate tool for USD to EUR ---
--- ✅ Success: {"amount":1.0,"base":"USD","date":"2025-10-27","rates":{"EUR":0.85911}} ---
nikhilkhanchandani@cloudshell:~/currency-agent$ gcloud run services logs read mcp-server --region us-central1 --limit 5

nikhilkhanchandani@cloudshell:~/currency-agent (nikhil-ai-agents-19137)$ gcloud run services logs read mcp-server --region us-central1 --limit 5
2025-10-28 10:00:21 [INFO]: HTTP Request: GET https://api.frankfurter.app/latest?from=USD&to=EUR "HTTP/1.1 200 OK"
2025-10-28 10:00:21 [INFO]: ✅ API response: {'amount': 1.0, 'base': 'USD', 'date': '2025-10-27', 'rates': {'EUR': 0.85911}}
2025-10-28 10:00:21 DELETE 200 https://mcp-server-xtc73xwnha-uc.a.run.app/mcp
2025-10-28 10:00:21 [INFO]: Terminating session: 5568dd9b90d74c77abfed92bb35fa2b8
2025-10-28 10:00:21 INFO: 169.254.169.126:28758 - "DELETE /mcp HTTP/1.1" 200 OK
```

Create Agent:

The screenshot shows the Google AI Studio interface for an agent named 'currency_agent'. The 'Invocations' tab is selected, showing a list of interactions. The first invocation shows a user prompt 'What is 250 CAD to USD?' and the agent's response '250 CAD is equal to 178.79 USD.' The interface includes tabs for Trace, Events, State, Artifacts, Sessions, and Eval. A top bar shows the agent name 'currency_agent' and a user profile icon. A blue button in the top right corner says 'What is 250 CAD to USD?'.