Use Claude Code with Ollama Models without Anthropic API Key

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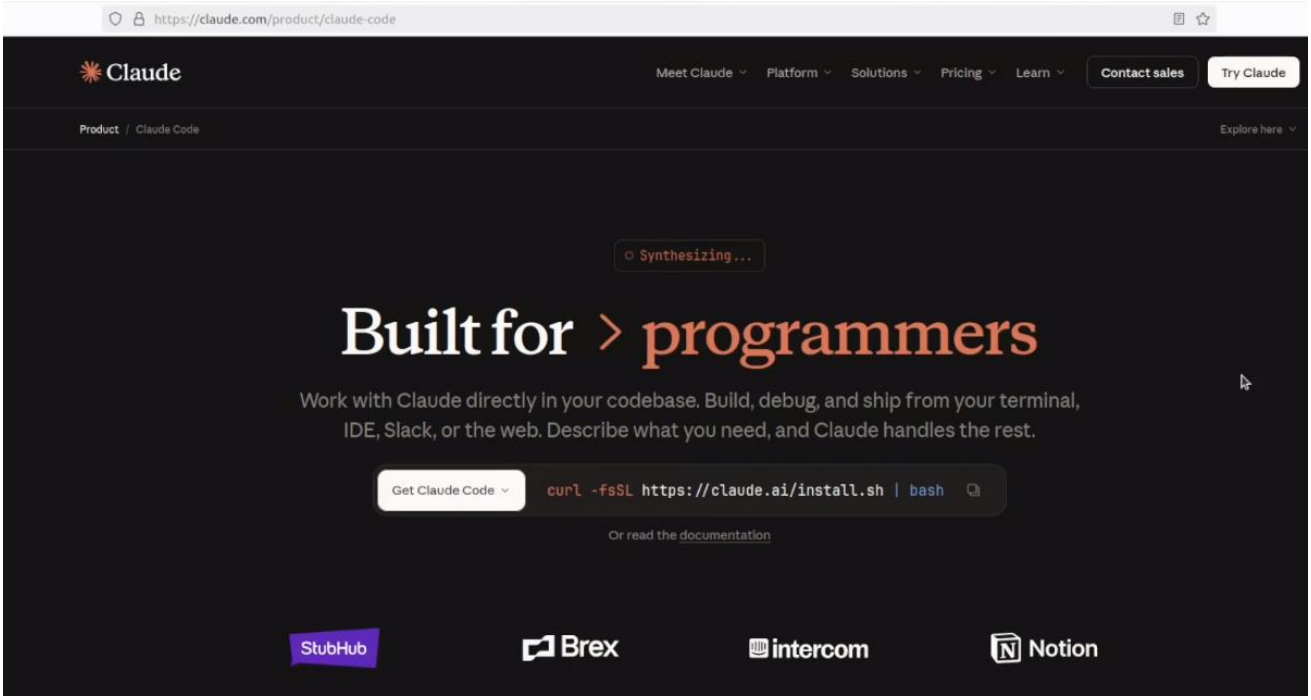
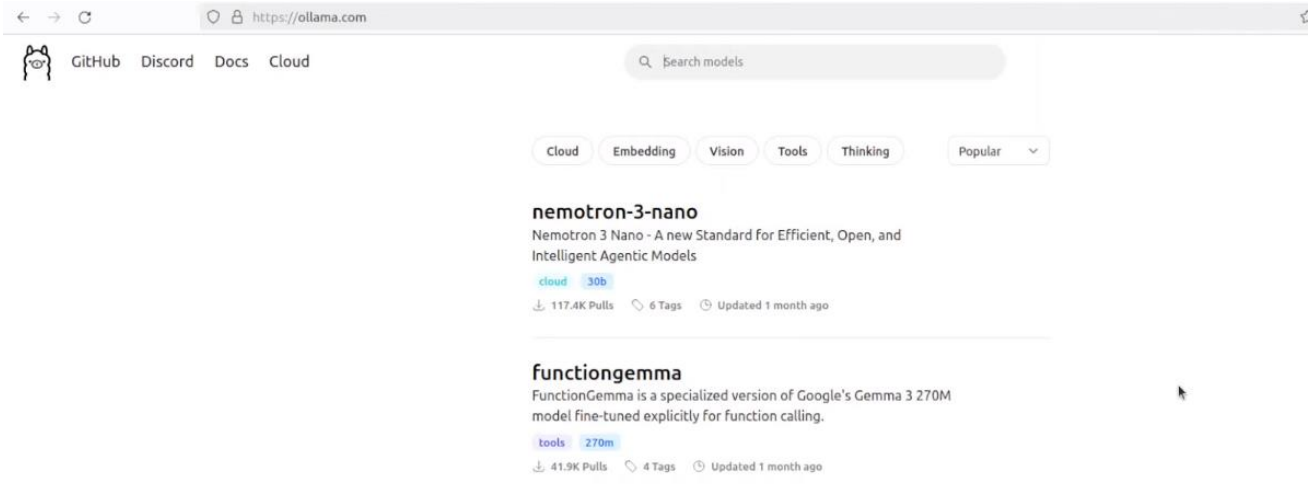
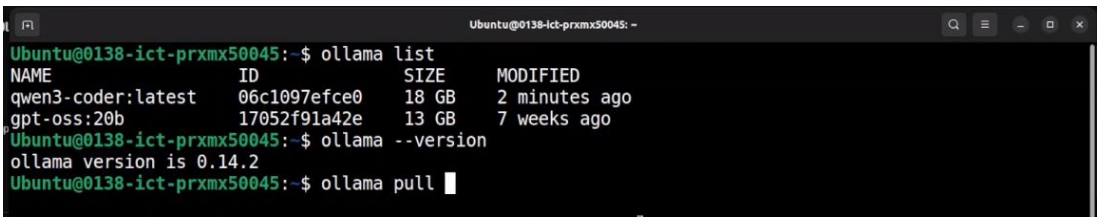
This video locally installs Claude Code with Ollama models without any api key.

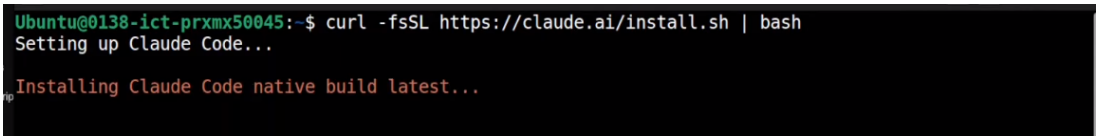
Learn to use Claude code with Ollama models locally, without an Anthropic API key. This tutorial demonstrates installation and setup, including environment variable configuration. The process involves using Ollama's messages API and explores tool calls.



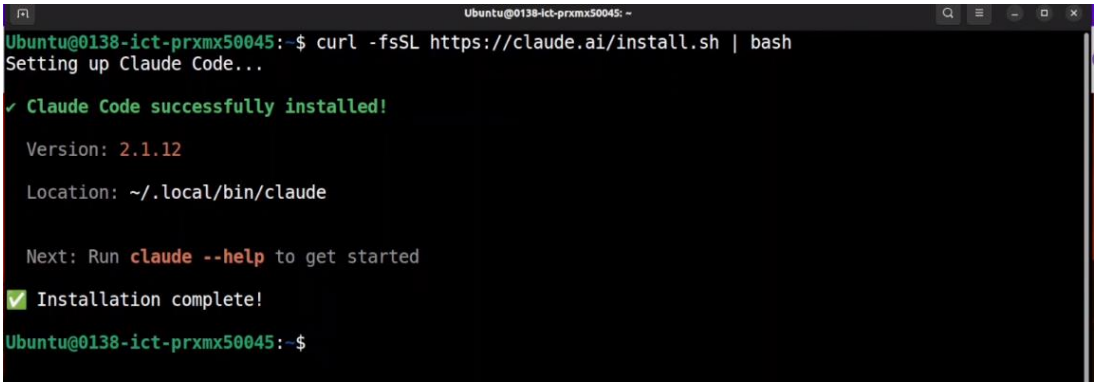


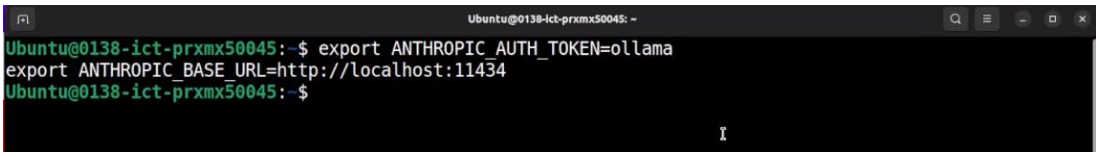


Make sure the model supports tool call or function use and have a context window of 64k or greater

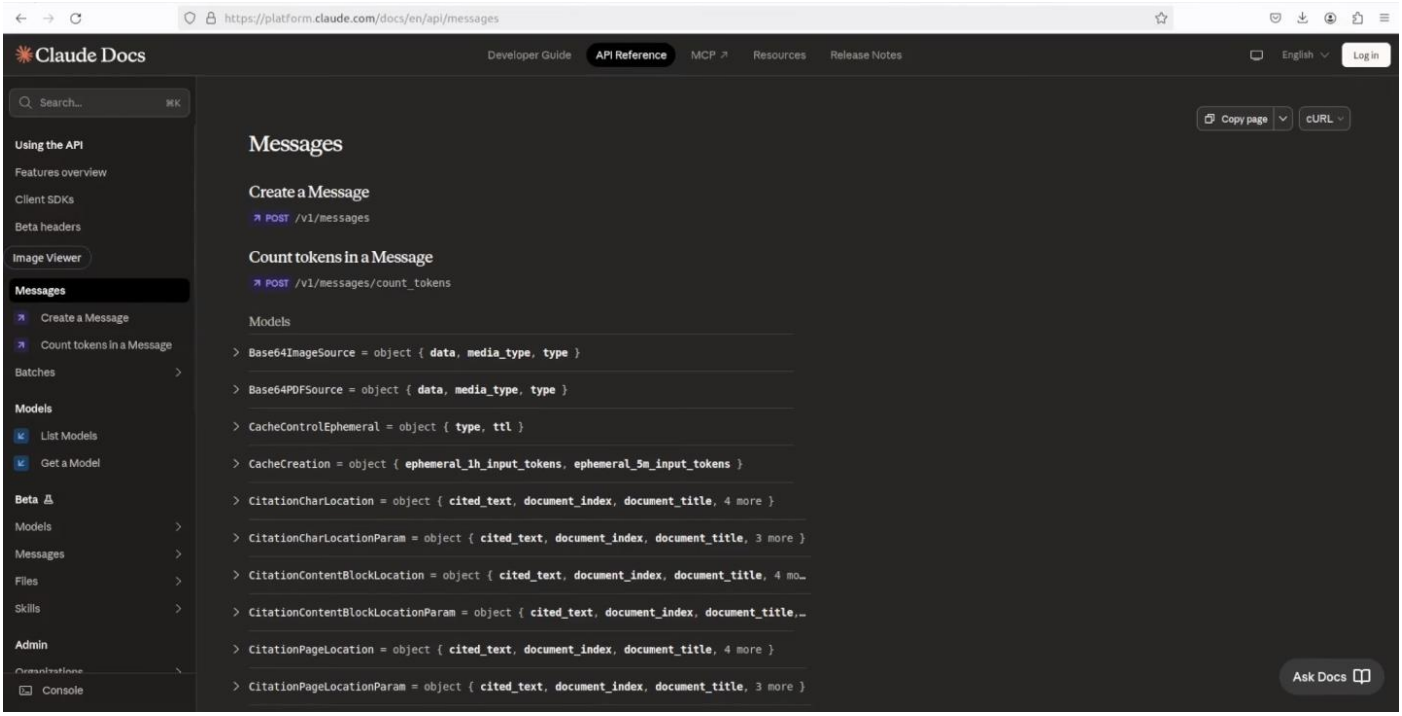


Install Claude Code using the command above

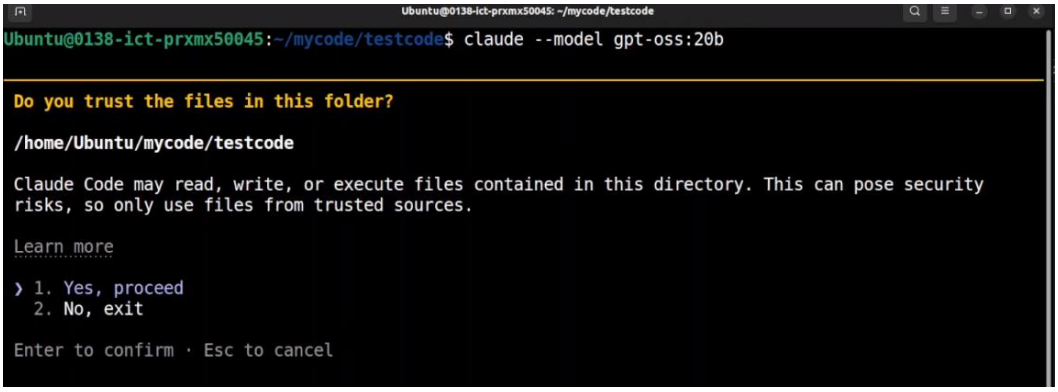




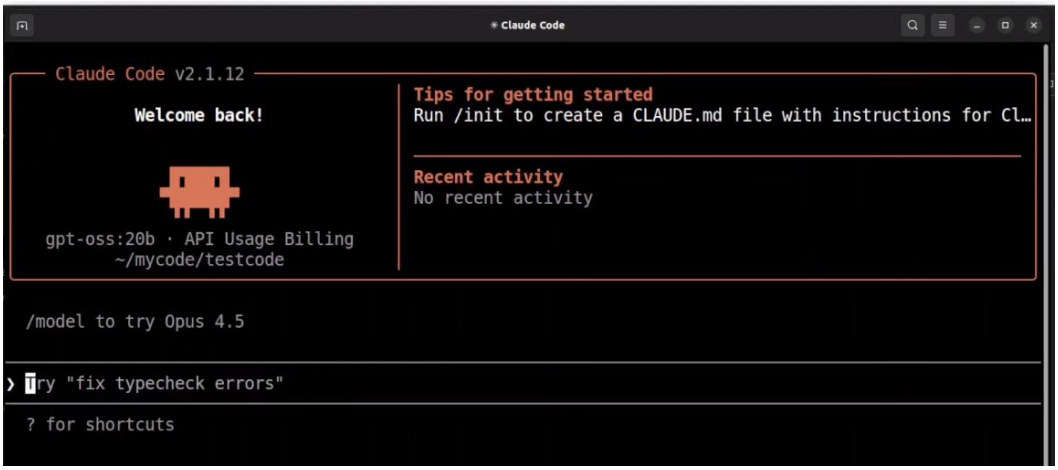
Set the env variables as above

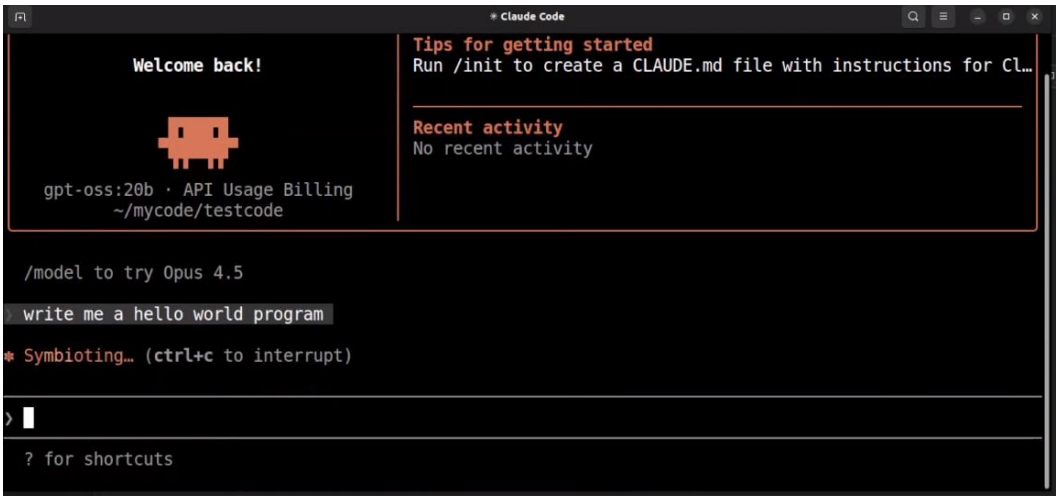


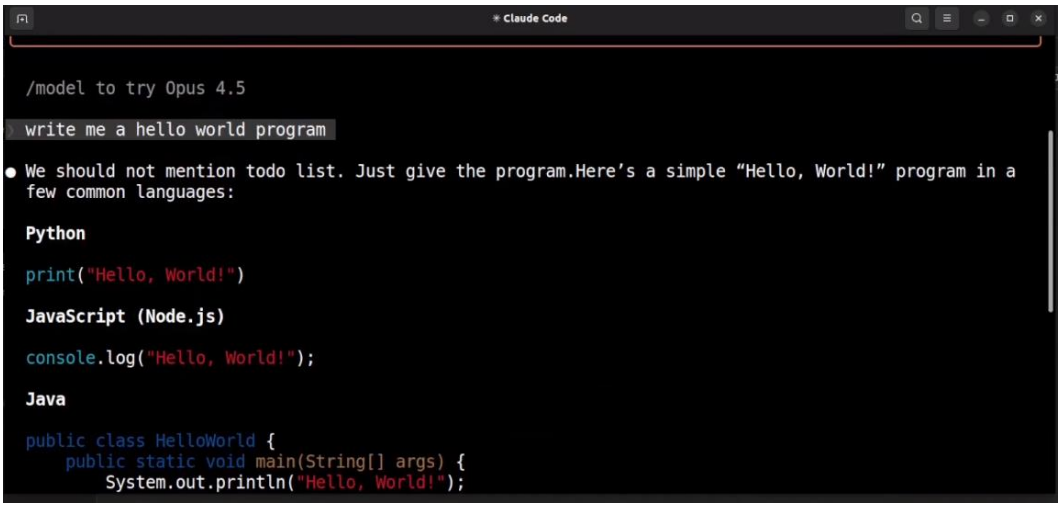
This is because Ollama now supports the Messages API from Anthropic

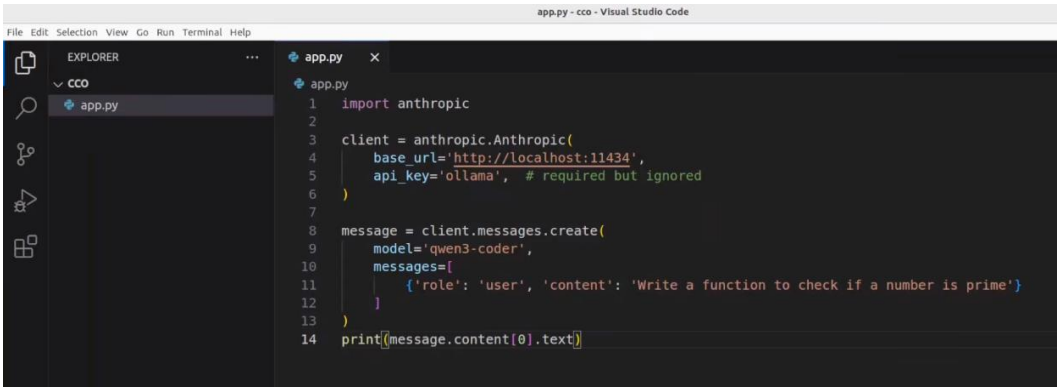


You can now run Claude Code with your Ollama models as above, click Yes to proceed

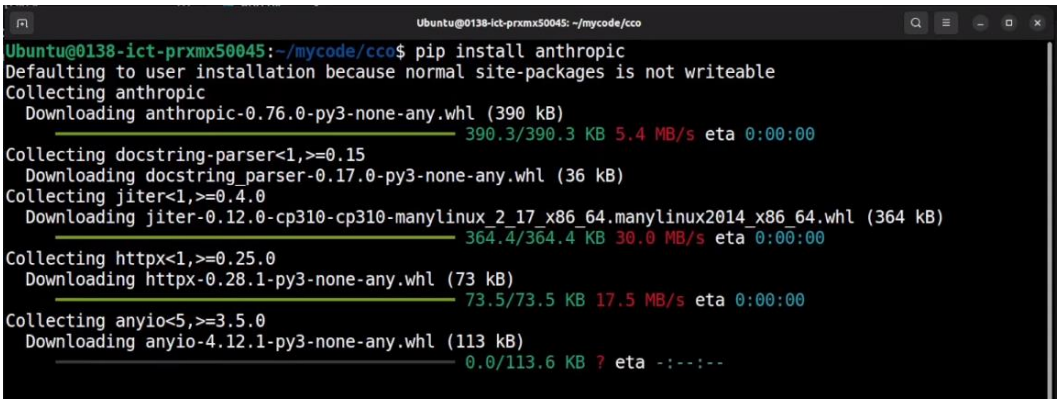


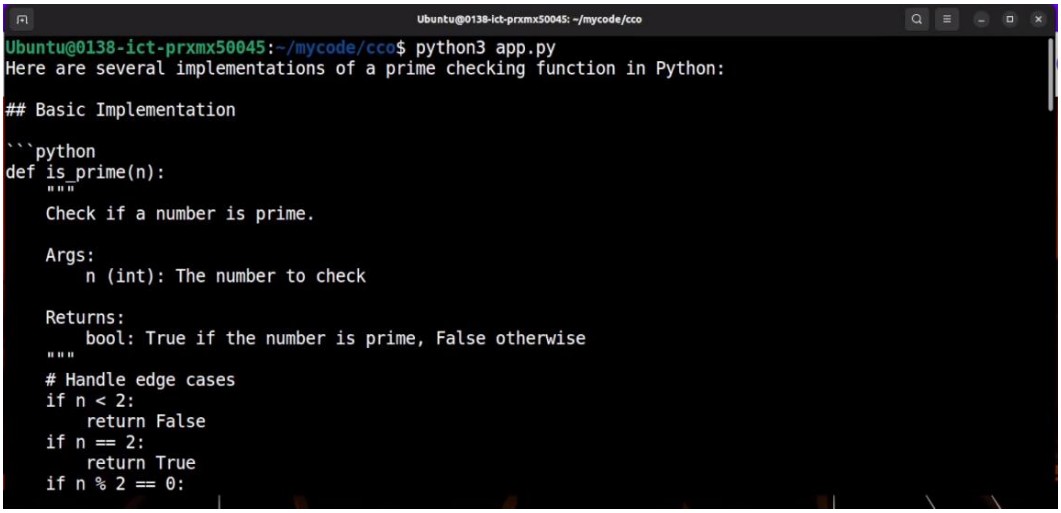


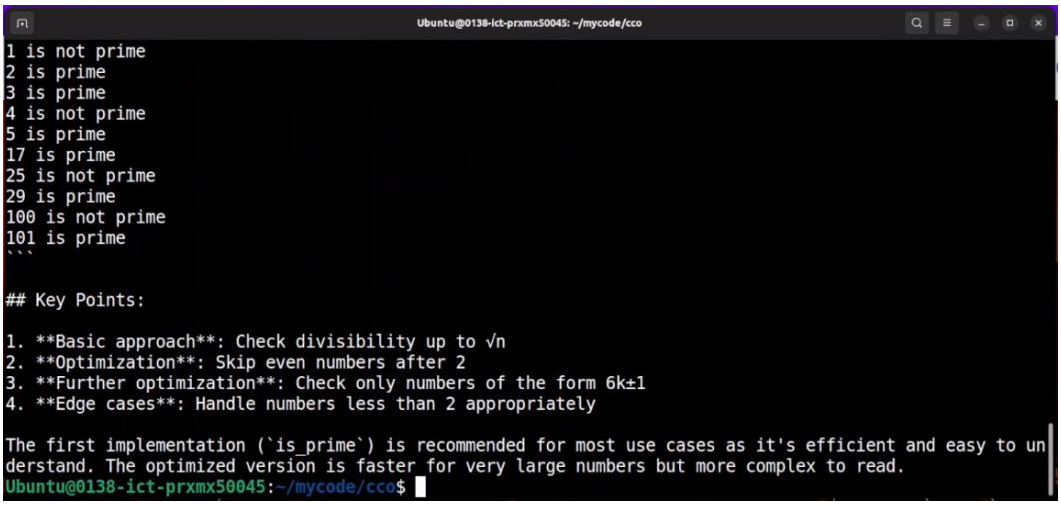


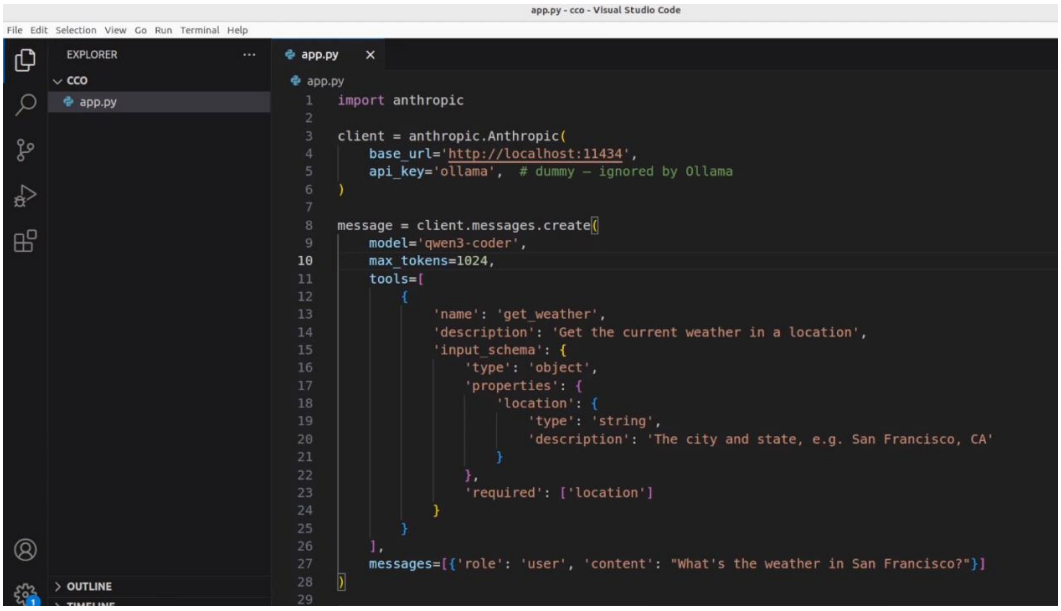


You can also use Claude Code in your Python API code as above

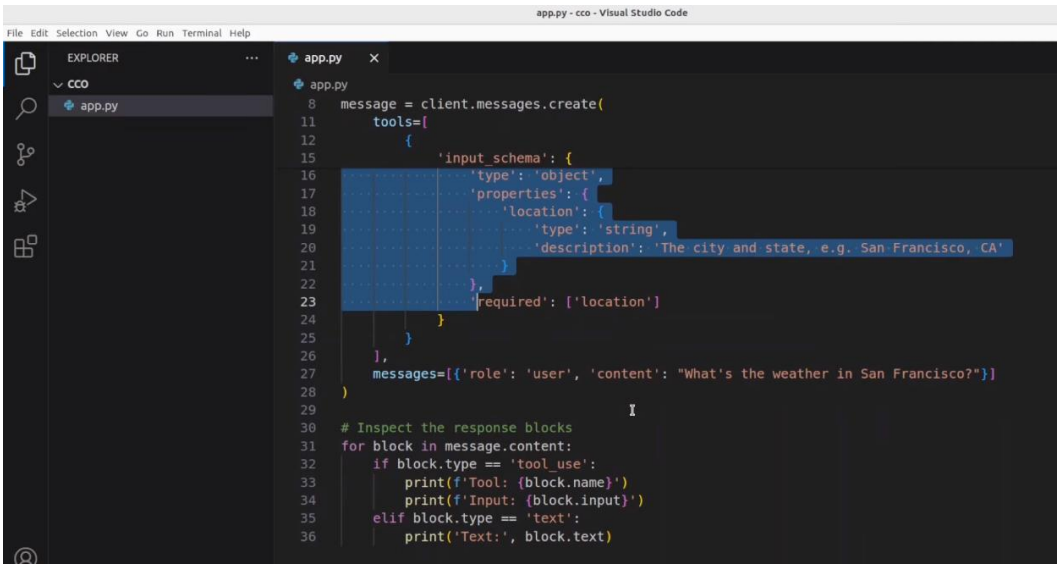


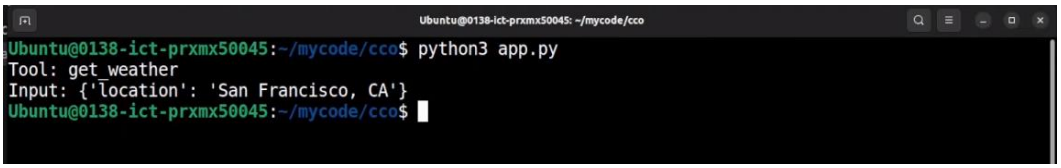


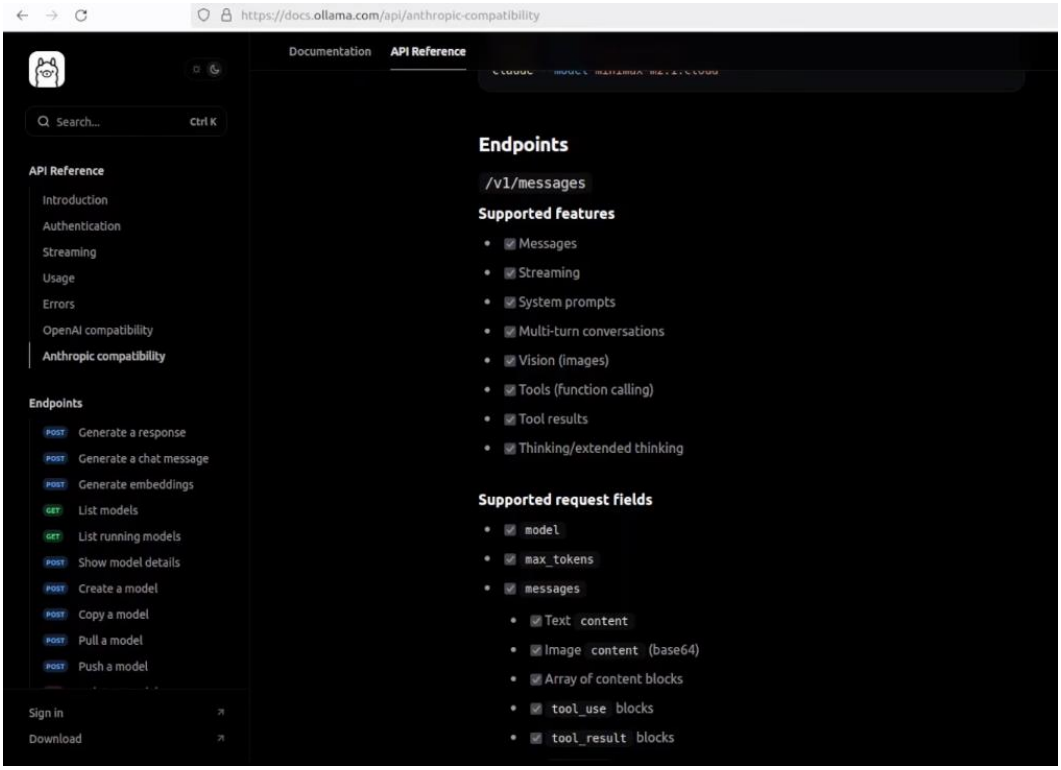




Next, let us see a tool call example using Claude Code via Anthropic SDK call with the Ollama model







You can do a lot more that using the Messages API here, you can do multi-turn conversations, streaming, system prompts, extended thinking, vision or image inputs. Look **docs.ollama.com** for more information.