9.DeepSeek Coder model

> **Demo Environment**

Development Boards：Jetson Nano

SD(TF) card：64G

```
It is recommended to run the 4B and below parameter models
```

DeepSeek Coder is an open source Large Language Model (LLM) designed by DeepSeek for understanding and generating code.
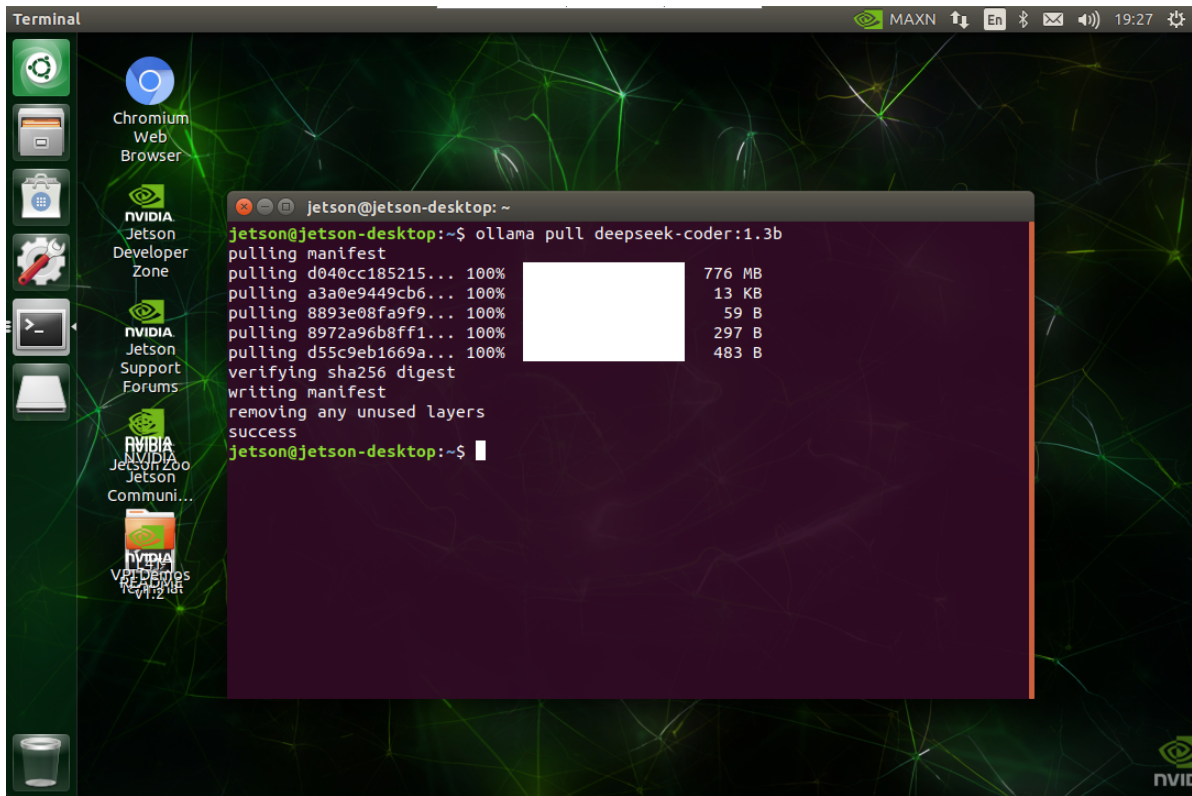
Model scale

Model	Parameter
DeepSeek Coder	1.3B
DeepSeek Coder	6.7B
DeepSeek Coder	33B

```
Jetson Nano: 使用1.3B参数的DeepSeek Coder模型测试!
```

Got DeepSeek Coder

Using the pull command will automatically pull the model from the Ollama model library.

```
ollama pull deepseek-coder:1.3b
```
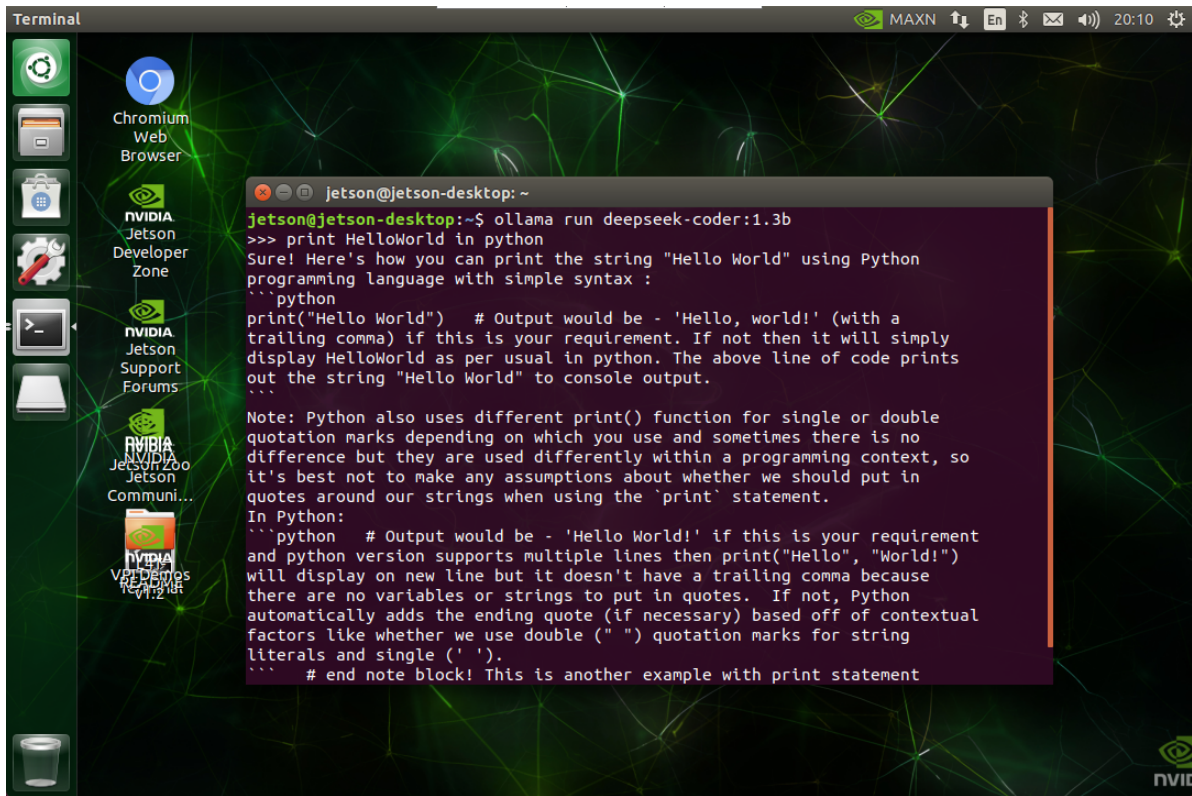
Use DeepSeek Coder

Run DeepSeek Coder

If the system does not have a running model, the system will automatically pull the DeepSeek Coder 1.3B model and run it.

```
ollama run deepseek-coder:1.3b
```
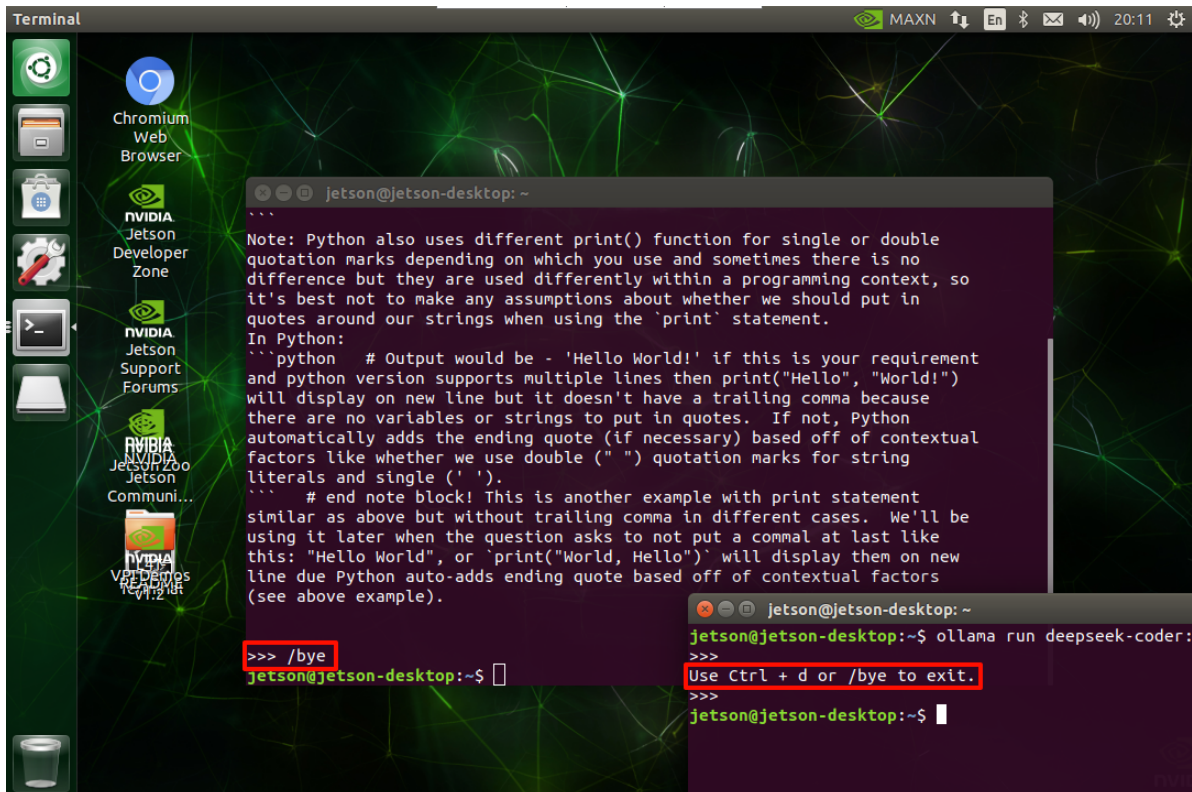
Have a conversation

```
print HelloWorld in python
```

The response time is related to the hardware configuration, please be patient.

End the conversation

Use the `Ctrl+d` shortcut or `/bye` to end the conversation!

References

> **Ollama**

Website： https://ollama.com/

GitHub： https://github.com/ollama/ollama

> **DeepSeek Coder**

Ollama corresponding model：https://ollama.com/library/deepseek-coder

GitHub：https://github.com/deepseek-ai/DeepSeek-Coder