Gemma model

- Gemma model
  - Model scale
- Got Gemma
- Run Gemma
  - Run Gemma
  - Dialogue
  - End conversation
- Reference material

> **Demonstration environment**

Development board : Raspberry Pi 500 (8G RAM)

SD(TF)card：32G（Above 16G, the larger the capacity, the more models can be experienced）

```
Raspberry Pi 500 (8G RAM): Run 8B and below parameter models
```

Gemma is a new open model developed by Google and its DeepMind team.

Model scale

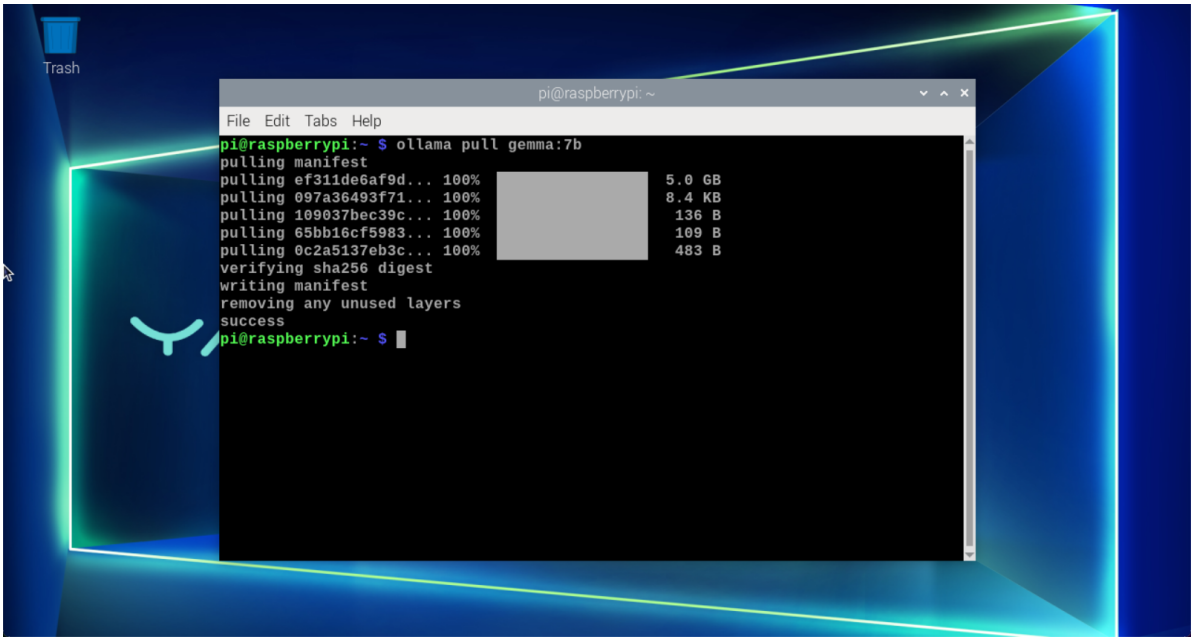
Model	Parameter
Gemma	2B
Gemma	7B

```
Raspberry Pi 500 (8G RAM): Test Gemma model with 7B parameters!
```

Got Gemma

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

```
ollama pull gemma:7b
```



Run Gemma

Run Gemma

If the system does not have a running model, the system will automatically pull the Gemma 7B model and run it: **The factory image does not provide this image, you need to download it yourself!**

```
ollama run gemma:7b
```

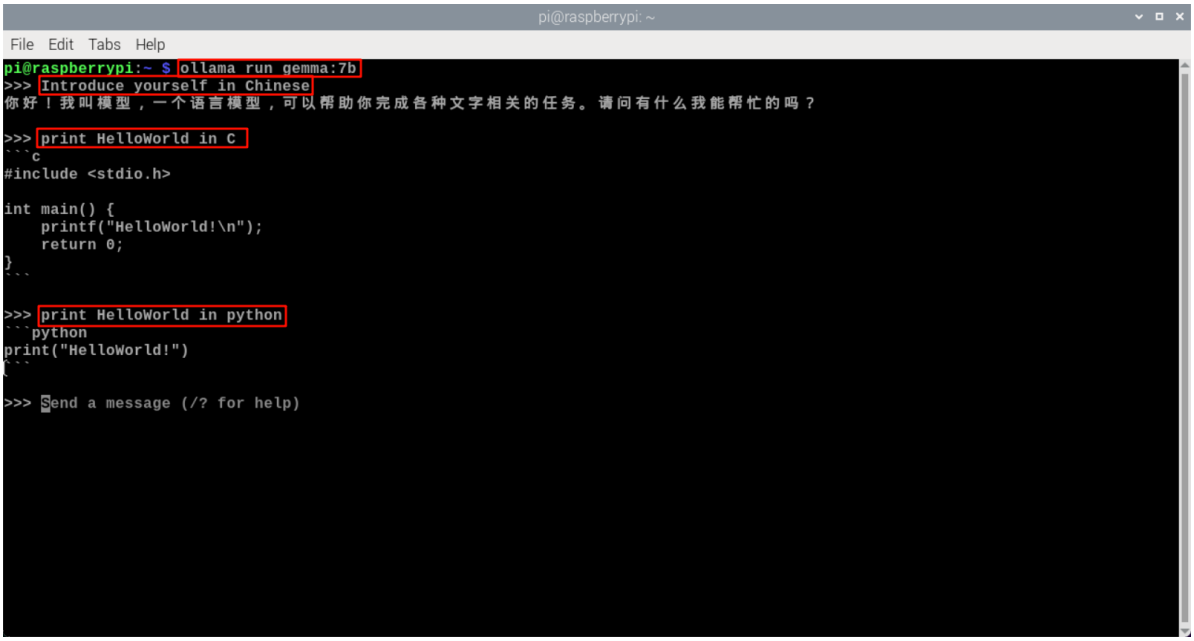
Dialogue

```
Introduce yourself in Chinese
```

```
print HelloWorld in C
```

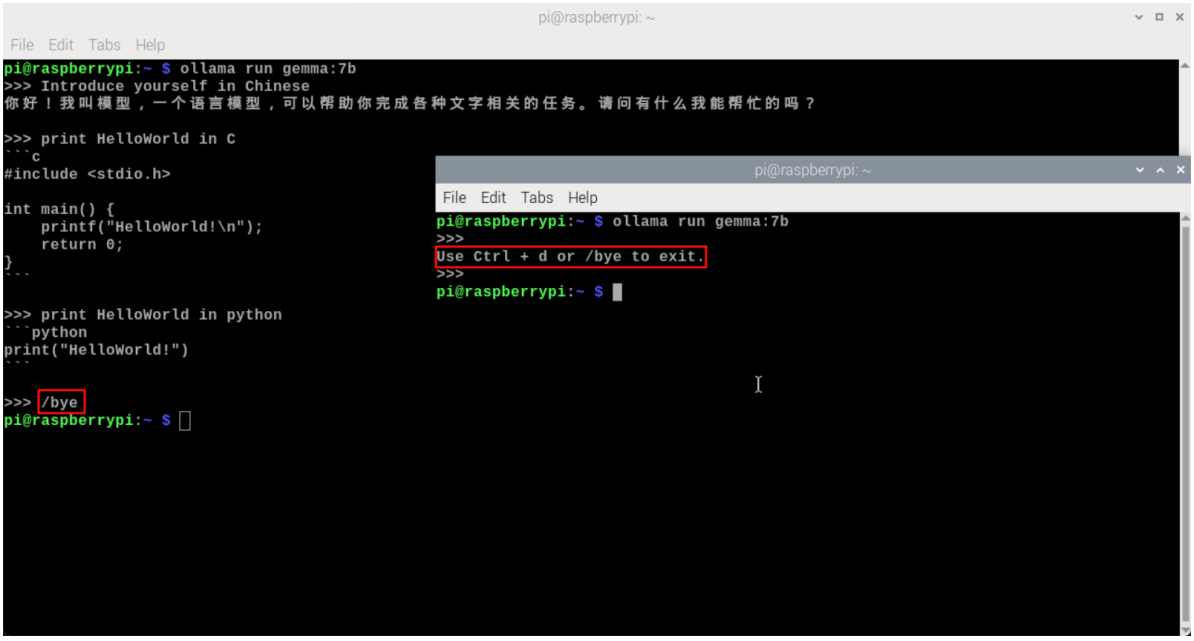
```
print HelloWorld in python
```

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



End conversation

You can end the conversation by using the shortcut key 'Ctrl+d' or '/bye'.



Reference material

> **Ollama**

Website：https://ollama.com/

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

> **Gemma**

GitHub：https://github.com/google-deepmind/gemma

Ollama model：https://ollama.com/library/gemma