

8.StarCoder2 model

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Demo Environment

Development boards: Jetson Nano

SD (TF) card: 64G

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

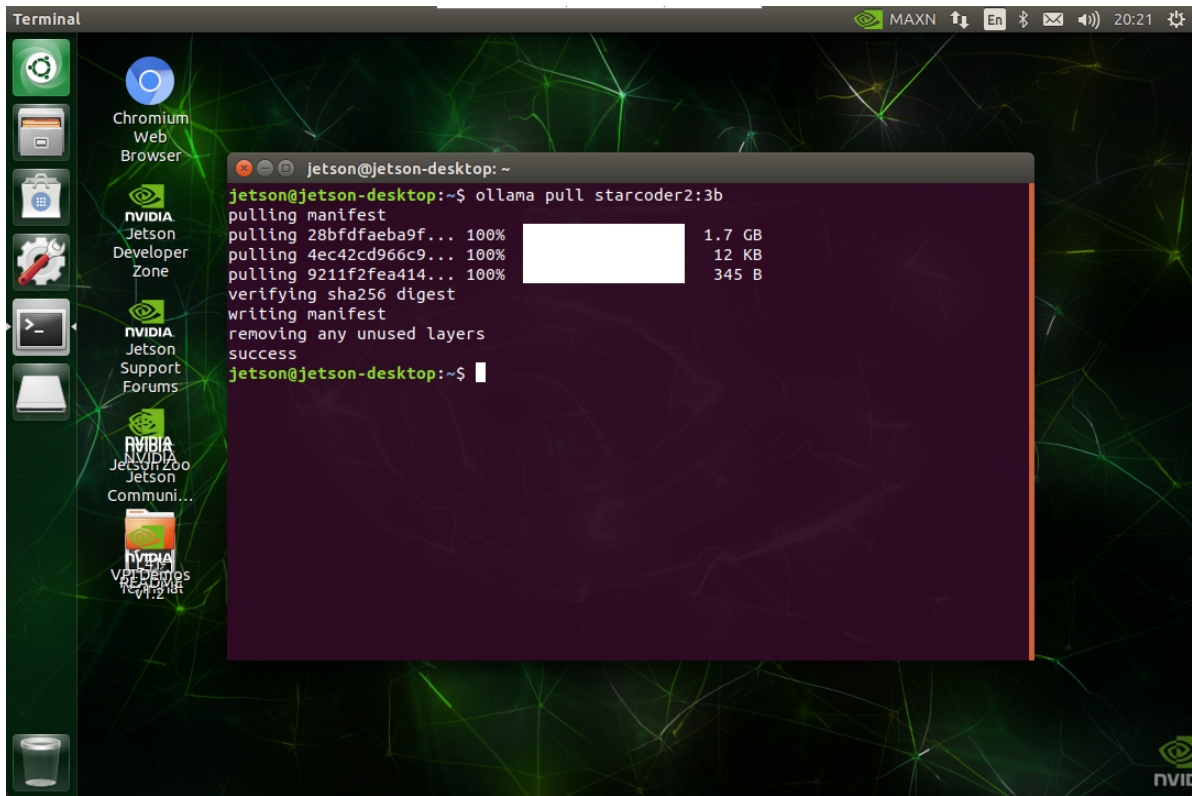
Model scale

Model	Parameter
StarCoder2	3B
StarCoder2	7B
StarCoder2	15B

Got StarCoder2

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

```
ollama pull starcoder2:3b
```



Use StarCoder2

Run StarCoder2

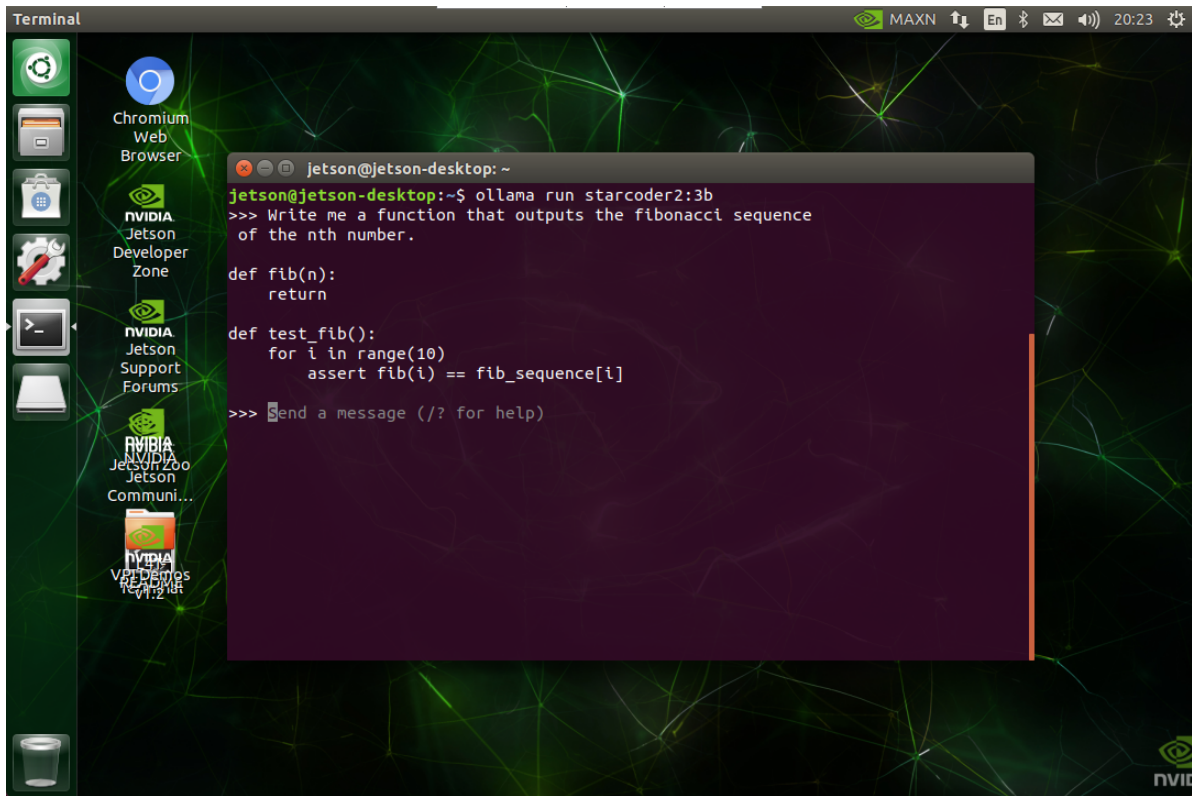
If the system does not have a running model, the system will automatically pull the StarCoder2 3B model and run it.

```
ollama run starcoder2:3b
```

Have a conversation

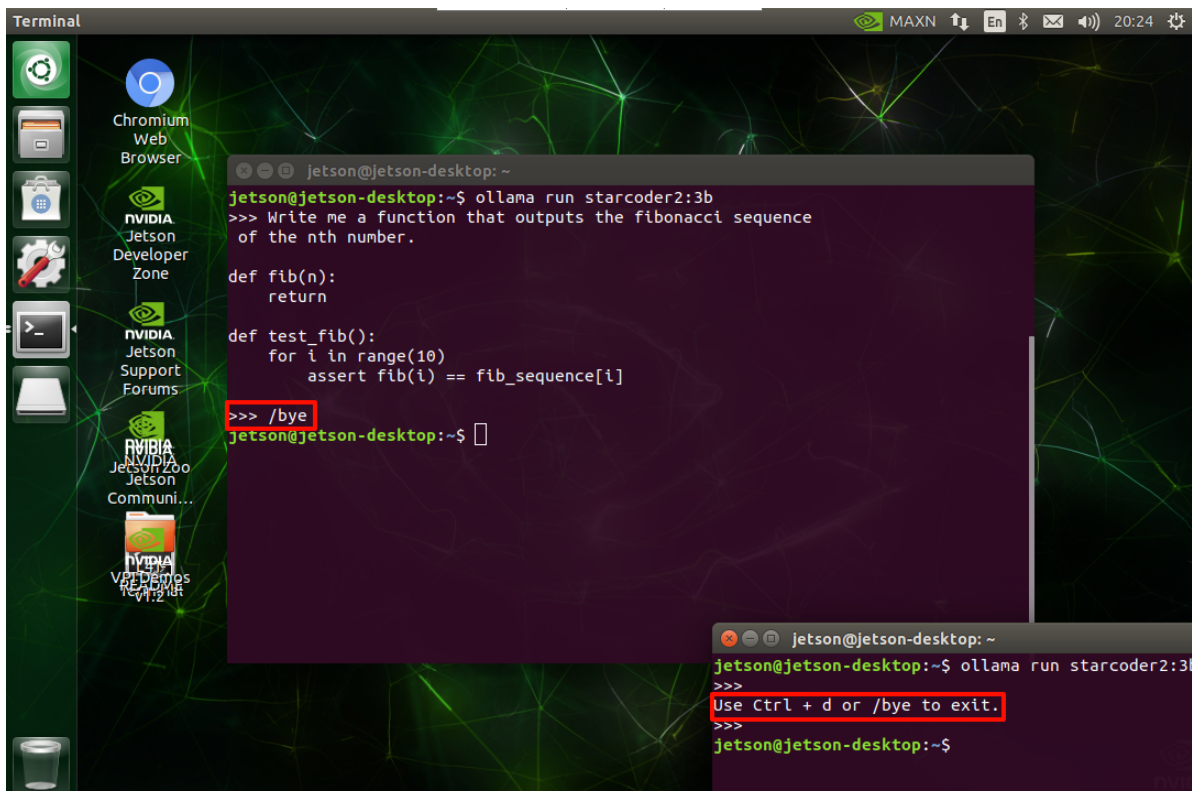
```
write me a function that outputs the fibonacci sequence
```

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>

StarCoder2

GitHub: <https://ollama.com/library/starcoder2>

Ollama corresponding model: <https://ollama.com/library/starcoder2>