

1.3.2 Vision Language Model Accessing

Note:

- 1) This section requires the configuration of the API key in "1.3.2 Vision Language Model Accessing" before proceeding. Additionally, ensure that the images to be used in this section are imported.
- 2) This experiment requires either an Ethernet cable or Wi-Fi connection to ensure the main control device can access the network properly.

1. Experiment Steps

- 1) Execute the following command to navigate to the directory of Large Model.

```
cd large_models/
```

```
cd large_models/
```

- 2) Run the program:

```
python3 openai_vllm_understand.py
```

```
> python3 openai_vllm_understand.py
```

2. Function Realization

After running the program, the output printed matches our request of "Describe the image."

The image shows an assortment of fresh vegetables arranged in a collage. It includes:

1. Zucchini with its flower.
2. Tomatoes and eggplant.
3. A couple of tomatoes, one whole and one sliced.
4. An ear of corn partially husked.
5. A group of vegetables including a red bell pepper, cabbage, and garlic.
6. A few cucumbers.

The background is a transparent checkerboard pattern typical of image files with no background.

