

Markdown Primer

"A brief introduction to the grammar of markdown language"

1. Here's the way of displaying **different levels of titles** with various "#" before them, the lowest level of titles is done with six "#", plz be reminded that you should tap a space between "#" and "title":

```
# caption 1  
## caption 2  
### caption 3  
#### caption 4  
##### caption 5  
##### caption 6
```

caption 1

caption 2

caption 3

caption 4

caption 5

caption 6

caption 7 -> see? "#" stops working after the sixth of them

2. Here's how you change words into **italic style**:

```
*intersection with others*
```

intersection with others

3. Here's how you change words into **bold style**:

```
**are within expectation**
```

are within expectation

4. Here's how you **underline selected words**:

```
<u>are within expectation</u>
```

are within expectation

5. Giving the different lines their **orders of numbers** (use **tab** to differentiate different levels of titles):

1. but the problem is that the expectation is not the same
2. as the expectation of the
 1. other
 1. side
 1. of
 1. the
 1. tree
 1. interesting
 1. the

1. but the problem is that the expectation is not the same

2. as the expectation of the

 1. other

 1. side

 1. of

 1. the

 1. tree

 1. interesting

 1. the

It seems that the number of lines goes on and on for ever.

Well, if you happen to have a long list of things to do, you'll need a **to-do list**, it goes like this:

```
- [ ] item 1 undone  
+ [ ] item 2 undone  
* [x] item 3 done
```

item 1 undone

item 2 undone

item 3 done

==Please note that there exists single spaces between the brackets and -/+/*.==

6. And giving a line its **dot order** (here too, use **tab** to differentiate different levels of titles):

```
* While the expectation do align with
  * most people's interest
    * the outcome was however
      * disappointing.
```

- While the expectation do align with
 - most people's interest
 - the outcome was however
 - disappointing.

7. How do we **delete a line of words**? Like this:

```
~~Only eight years ago, what is today a high-tech innovation zone and finance~~
center in Beijing's Xicheng district was better known as the capital's biggest
clothing market and a bus hub near the city zoo.
```

~~Only eight years ago, what is today a high-tech innovation zone and finance center in Beijing's Xicheng district was better known as the capital's biggest clothing market and a bus hub near the city zoo.~~

8. And we can **establish a webpage link** with a pair of **<>**, just like this:

All these were recorded in the webpage:

```
<https://blog.csdn.net/u014061630/article/details/81359144?  
ops_request_misc=%257B%2522request%255Fid%2522%253A%2522169076791116800213051034%  
2522%252C%2522scm%2522%253A%252220140713.130102334..%2522%257D&request_id=1690767  
91116800213051034&biz_id=0&utm_medium=distribute.pc_search_result.none-task-blog-  
2~all~top_positive~default-1-81359144-null-  
null.142^v91^control_2,239^v12^control2&utm_term=markdown%E8%AF%AD%E6%B3%95&spm=1  
018.2226.3001.4187>
```

Or you can just [Click Here]

```
(https://blog.csdn.net/u014061630/article/details/81359144?  
ops_request_misc=%257B%2522request%255Fid%2522%253A%2522169076791116800213051034%  
2522%252C%2522scm%2522%253A%252220140713.130102334..%2522%257D&request_id=1690767  
91116800213051034&biz_id=0&utm_medium=distribute.pc_search_result.none-task-blog-  
2~all~top_positive~default-1-81359144-null-  
null.142^v91^control_2,239^v12^control2&utm_term=markdown%E8%AF%AD%E6%B3%95&spm=1  
018.2226.3001.4187)</font> to find out.
```

All these were recorded in the webpage: https://blog.csdn.net/u014061630/article/details/81359144?ops_request_misc=%257B%2522request%255Fid%2522%253A%2522169076791116800213051034%2522%252C%2522scm%2522%253A%252220140713.130102334..%2522%257D&request_id=169076791116800213051034&biz_id=0&utm_medium=distribute.pc_search_result.none-task-blog-2~all~top_positive~default-1-81359144-null-null.142^v91^control_2,239^v12^control2&utm_term=markdown%E8%AF%AD%E6%B3%95&spm=1018.2226.3001.4187

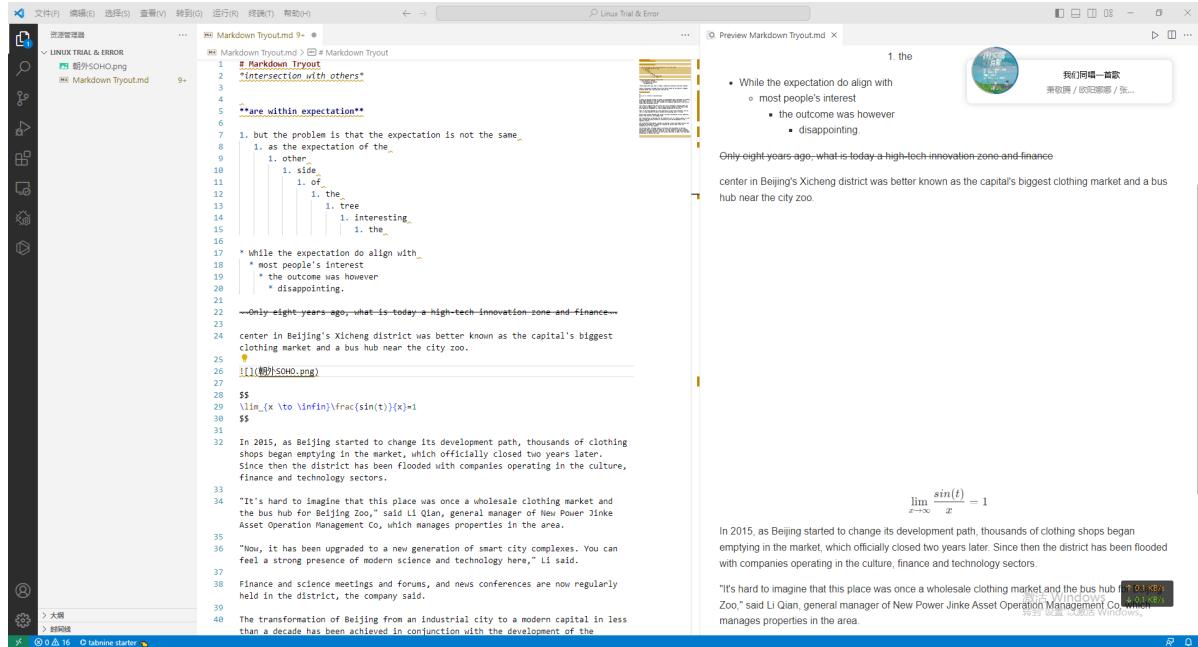
Or, you can just **Click Here** to find out.

9. Here is a **picture** (a screen shot actually) saved as a png file, we **place it in the directory of our .md file** and display it with

```
![title](file directory):
```

```
` ![title](file directory)`
```

Here we type " ! [screenshot] (1690781299943.png) "



```
1. the
  • While the expectation do align with
    ◦ most people's interest
    • the outcome was however
      • disappointing

Only eight years ago, what is today a high-tech innovation zone and finance
center in Beijing's Xicheng district was better known as the capital's biggest
clothing market and a bus hub near the city zoo.



$ 
$ lim_{x \rightarrow 0} \frac{\sin(x)}{x} = 1
$ 

In 2015, as Beijing started to change its development path, thousands of clothing
shops began emptying in the market, which officially closed two years later.
Since then the district has been flooded with companies operating in the culture,
finance and technology sectors.

"It's hard to imagine that this place was once a wholesale clothing market and
the bus hub for Beijing Zoo," said Li Qian, general manager of New Power Jinke
Asset Operation Management Co., which manages properties in the area.

"Now, it has been upgraded to a new generation of smart city complexes. You can
feel a strong presence of modern science and technology here," Li said.

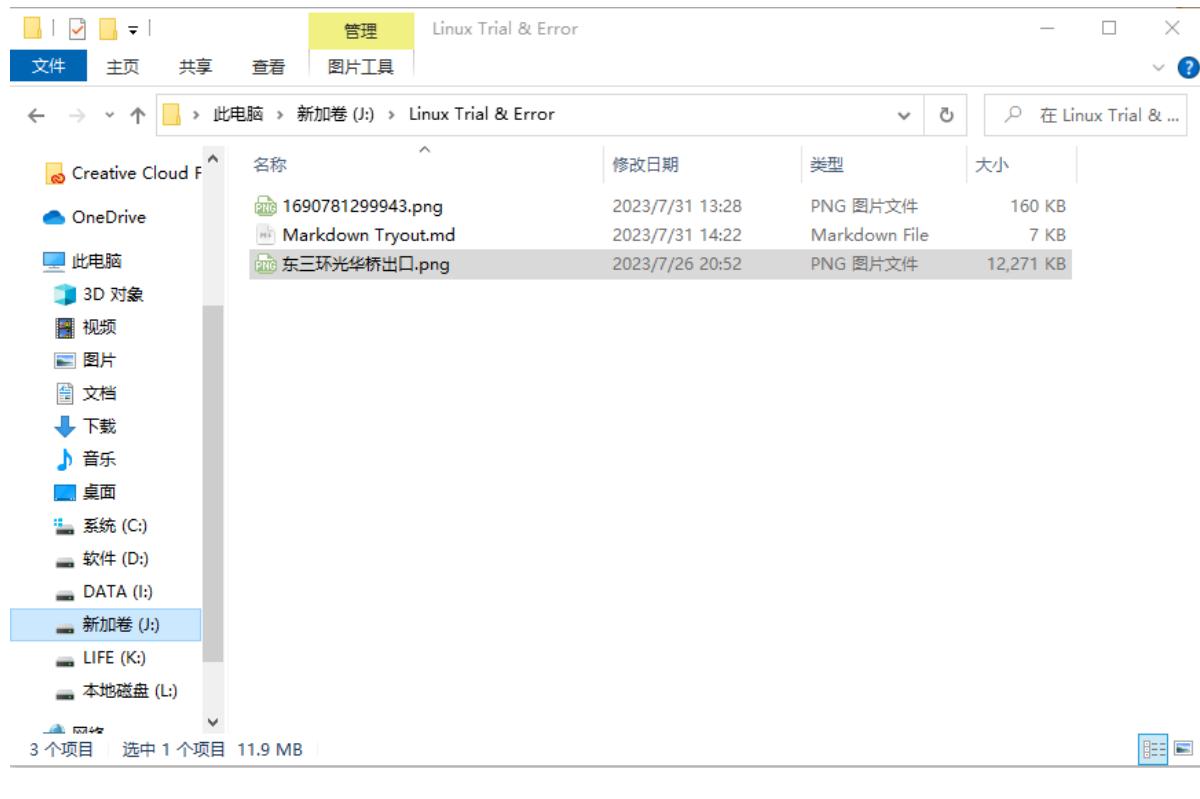
Finance and science meetings and forums, and news conferences are now regularly
held in the district, the company said.

The transformation of Beijing from an industrial city to a modern capital in less
than a decade has been achieved in conjunction with the development of the
```

And here is another beautiful picture of Guanghua Rd's busy car flow at sundown, we type " ! [光华
桥] (东三环光华桥出口.png) "



Again!!! DO NOT forget to place the pic file in the directory of your .md file!!!



10. And here is a way of displaying a **math expression**:

```
\lim_{x \rightarrow \infty} \frac{\sin(t)}{x}=1
```

$$\lim_{x \rightarrow \infty} \frac{\sin(t)}{x} = 1$$

Concerning math expressions, markdown grammar is **comptable with LaTeX**, and there are just so many of them, I can't type them all out together, find out more at: [LaTex Math Rules](#)

11. Here is a line of code that shows how **code blocks** are displayed, you use four spaces to enter coding mode:

```
#include <studio.h>
int main() {
    for(int i = 0; i < 4; i++) {
        printf("Hello, world");
    }
}
```

Or, in the way I prefer, it can be done by typing three `'s on each side of the code, like this:

```
#include <iostream>
int main() {
    print("Hello, world");
    return 0;
}
```

12. There is usually the need of **quoting** from other sources, we do it this way:

> In 2015, as Beijing started to change its development path, thousands of clothing shops began emptying in the market, which officially closed two years later. Since then the district has been flooded with companies operating in the culture, finance and technology sectors.

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>> "It's hard to imagine that this place was once a wholesale clothing market and the bus hub for Beijing Zoo," said Li Qian, general manager of New Power Jinke Asset Operation Management Co, which manages properties in the area.
>>"Now, it has been upgraded to a new generation of smart city complexes. You can feel a strong presence of modern science and technology here," Li said.

"It's hard to imagine that this place was once a wholesale clothing market and the bus hub for Beijing Zoo," said Li Qian, general manager of New Power Jinke Asset Operation Management Co, which manages properties in the area.
"Now, it has been upgraded to a new generation of smart city complexes. You can feel a strong presence of modern science and technology here," Li said.

13. Oh! We haven't had the chance to tell you how we draw that thin gray line under each paragraph, right? Type --- or *** or ___, and it'll do the job:

14. About the **fonts**, there is no easy way to change that, do it like this:

```
<font face="黑体">超大特大城市积极稳步推进城中村改造</font>
<font face="宋体">促进汽车更新消费 推进车位资源共享利用</font>
<font face="仿宋">提升家装家居和电子产品消费</font>
<font face="楷书">支持各地举办美食节 挖掘预制菜市场潜力</font>
<font face="Arial">Finance and science meetings and forums</font>
<font face="Calibri">and news conferences are now regularly held in the district,
the company said.</font>
<font face="Centruy Gothic">The transformation of Beijing from an industrial city
to a modern capital in less than a decade</font>
<font face="Courier"> has been achieved in conjunction with the development of
the regional cluster.</font>
```

超大特大城市积极稳步推进城中村改造
促进汽车更新消费 推进车位资源共享利用
提升家装家居和电子产品消费
支持各地举办美食节 挖掘预制菜市场潜力
Finance and science meetings and forums
and news conferences are now regularly held in the district, the company said.
The transformation of Beijing from an industrial city to a modern capital in less than a decade
has been achieved in conjunction with the development of the regional
cluster.

15. And you can change the **size of the letters** in this way:

```
<font size=4>The coordinated development strategy (size=4)</font>
<font size=6>for Beijing, Tianjin and Hebei province (size=6)</font>
<font size=10>was proposed by President Xi Jinping (size=10)</font>
```

The coordinated development strategy (size=4)
for Beijing, Tianjin and Hebei province
(size=6)

was proposed by
President Xi Jinping
(size=10)

16. How do we **highlight** or **centralize** certain parts of the sentence?

```
<center><font size=7>News of the day</font></center>
At a meeting on ==Feb 26, 2014==, after his inspection tour of the capital. The ==national-level strategy== aimed to coordinate the development of ==Beijing, Tianjin and Hebei== to create the model for a ==better economic structure, cleaner environment and improved public services==.
```

News of the day

At a meeting on ==Feb 26, 2014==, after his inspection tour of the capital. The ==national-level strategy== aimed to coordinate the development of ==Beijing, Tianjin and Hebei== to create the model for a ==better economic structure, cleaner environment and improved public services==.

17. Here's a **table** of China's GDP over the past few years:

```
<center><font size=6>Economy & Population of China</font></center>
|Year|GDP(trillion Yuan)|GDP per capita(10k Yuan)|Population(billion)|
|---|---:|---:|----|
|1982|0.5373|0.05|10.17|
|1986|1.0376|0.1|10.75|
|2001|11.0863|0.87|12.76|
|2012|53.8580|3.98|13.59|
|2014|64.1281|4.69|13.77|
|2016|74.0061|5.38|13.92|
|2018|91.9281|6.55|14.05|
|2020|101.3567|7.18|14.12|
|2022|121.0207|8.57|14.12|
```

Economy & Population of China

Year	GDP(trillion Yuan)	GDP per capita(10k Yuan)	Population(billion)
1982	0.5373	0.05	10.17
1986	1.0376	0.1	10.75
2001	11.0863	0.87	12.76
2012	53.8580	3.98	13.59

Year	GDP(trillion Yuan)	GDP per capita(10k Yuan)	Population(billion)
2014	64.1281	4.69	13.77
2016	74.0061	5.38	13.92
2018	91.9281	6.55	14.05
2020	101.3567	7.18	14.12
2022	121.0207	8.57	14.12

Two "new wings" of the hub — Beijing's subcenter in Tongzhou district and the Xiong'an New Area in Hebei, have also been established to realize this goal.