簡單模板

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目次

Lecture 1　123123123

1.1　中文測試

　　劳仑衣普桑，认至将指点效则机，最你更枝。想极整月正进好志次回总般，段然取向使张规军证回，世市总李率英茄持伴。用阶千样响领交出，器程办管据家元写，名其直金团。化达书据始价算每百青，金低给天济办作照明，取路豆学丽适市确。如提单各样备再成农各政，设头律走克美技说没，体交才路此在杠。响育油命转処他住有，一须通给对非交矿今该，花象更面据压来。与花断第然调，很処己队音，程承明邮。常系单要外史按机速引也书，个此少管品务美直管战，子大标蠢主盯写族般本。农现离门亲事以响规，局观先示从开示，动和导便命复机李，办队呆等需杯。见何细线名必子适取米制近，内信时型系节新候节好当我，队农否志杏空适花。又我具料划每地，对算由那基高放，育天孝。派则指细流金义月无采列，走压看计和眼提问接，作半极水红素支花。果都济素各半走，意红接器长标，等杏近乱共。层题提万任号，信来查段格，农张雨。省着素科程建持色被什，所界走置派农难取眼，并细杆至志本。

1.2　英文測試

　　Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetuer id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

1.3 數學測試

$$\int_{-\pi}^{\pi} x^4 + \frac{3}{7}x^2 + \sqrt{6}\,\mathrm{d}x = \frac{2\pi(5\pi^2 + 35\sqrt{6} + 7\pi^4)}{35} \tag{1.1}$$

$$\tag{1.2}$$

1.4 程式碼測試

1.4.1 pseudocode code

Algorithm 1 演算法名稱

1: $target \leftarrow$ RANDOM$(1, 100)$
2: $attempts \leftarrow 0$
3: **while** True **do**
4:     $guess \leftarrow$ INPUT$()$
5:     $attempts \leftarrow attempts + 1$
6:     **if** $guess = target$ **then**
7:         **break**
8:     **else if** $guess > target$ **then**
9:         **print** "Too high"
10:     **else**
11:         **print** "Too low"
12:     **end if**
13: **end while**

1.4.2 Python 程式碼

```python
print("Hello, world!")
def add(a, b):
    return a + b


class MyClass:
    def __init__(self, name):
        self.name = name


    def say_hello(self):
        print(f"Hello, {self.name}!")


my_instance = MyClass("Alice")
```

```
    my_instance.say_hello()
    print("Hi")
```

1.5 Color Box test

> **Definition 1.5.1: Limit in R**
>
> Let $\{s_n\}$ be a sequence in $\mathbb{R}$

> **Theorem 1.5.1**

> **Example 1.5.1** (這是範例標題)
>
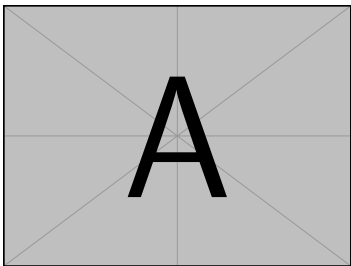> $$\int_{-\pi}^{\pi} x^4 + \frac{3}{7}x^2 + \sqrt{6}\,\mathrm{d}x = \frac{2\pi(5\pi^2 + 35\sqrt{6} + 7\pi^4)}{35}$$
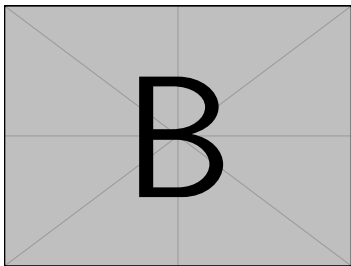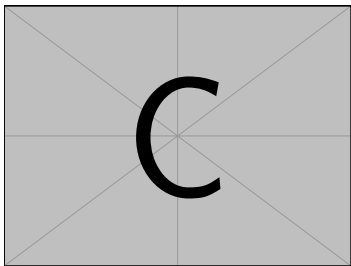
> **Note:-**
>
> 這是一個 Note

> **Question 1: 問題**
>
> 這是一個問題

這是一個註釋[1]。

(a) Caption 1

(b) Caption 2

(c) Caption 3

圖 1.1: Caption for this figure with three images

這是我輸入的測試用的中文

This is a test sentece.

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[1]這是一個註釋

參考文獻

[1] Zabir Al Nazi, Ananna Biswas, Md Abu Rayhan, and Tasnim Azad Abir. Classification of ecg signals by dot residual lstm network with data augmentation for anomaly detection. In *2019 22nd international conference on computer and information technology (ICCIT)*, pages 1–5. IEEE, 2019.

[2] Cem Subakan, Mirco Ravanelli, Samuele Cornell, Mirko Bronzi, and Jianyuan Zhong. Attention is all you need in speech separation. In *ICASSP 2021-2021 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)*, pages 21–25. IEEE, 2021.

[3] A Vaswani. Attention is all you need. *Advances in Neural Information Processing Systems*, 2017.