

Assignment 4

錢國斌

— Functionality —

✓+

—— Style ——

✓+

Style Comments

Style Comments

- Correct format for header comments👍
- Every function has its own comments👍
- Super clear function comments👍
- Programs are well-decomposed👍
- Spaces between functions are consistent👍
- Indentations and spaces are correct👍
- Single line comments are precise, enabling users to understand your code easily👍



Feedbacks is provided as follows:

太開心了 ~ ~ ~ 最後一次的style依舊完美！看得真的賞心悅目 ~



Style Comments

這邊寫得很好！！！！

```
16
17 def blur(img):
18     """
19     :param img: original image
20     :return: blurred image
21     """
22     # TODO: create a new blank img that is as big as the original one
23     new_img = SimpleImage.blank(img.width, img.height)
24     # Loop over the picture
25     for x in range(img.width):
26         for y in range(img.height):
27             # img_p = img.get_pixel(x, y)
28             new_img_p = new_img.get_pixel(x, y)
29             # Belows are 9 conditions of pixel filling, depending on pixels' x,y orientation.
30             if x == 0 and y == 0:
31                 # Get pixel at the top-left corner of the image.
32                 r_avg = (img.get_pixel(1, 0).red + img.get_pixel(1, 1).red + img.get_pixel(0, 1).red) // 3
33                 g_avg = (img.get_pixel(1, 0).green + img.get_pixel(1, 1).green + img.get_pixel(0, 1).green) // 3
34                 b_avg = (img.get_pixel(1, 0).blue + img.get_pixel(1, 1).blue + img.get_pixel(0, 1).blue) // 3
35                 new_img_p.red = r_avg
36                 new_img_p.green = g_avg
```



Case Testing

Problem	圖像處理正確
fire.py	✓
mirror_lake.py	✓
blur.py	✓

s
t
a
n
c
o
d
e



Functionality Comments

Functionality Comments



恭喜你！SC001結業～🥳

這十堂課下來！你真的表現的很好～
希望你進階班也可以順利～愛上code喔



點此下載優秀範例

<https://drive.google.com/file/d/1hF37WE4AbH-BW6gSdleG73jp4ifPsY1T/view?usp=sharing>