

s202018021_05-07-04-ex3

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1. Instruction to compile the code

After using the `cd` (change directory) command to navigate to the correct working directory, use these following commands to compile the code:

```
% gcc s202018021_05-07-04-ex3.c
% ./a.out
```

2. Brief review of the code

In this program, I created custom `print` functions that automatically runs `fflush` after `printf`. Because the original program is using formatted strings (integer and string), I had to make separate functions for each kind of string formatting.

To print a simple string, `print_with_flush(char p[])` is used. The string to print is passed directly to the `printf` function inside.

To print a string with an `%d` (integer) format specifier, `print_with_flush_int(char p[], int num)` is used, and to print a string with a `%s` (string) format specifier, `print_with_flush_string(char p[], char s[])` is used.

3. Result of execution

```
% gcc s202018021_05-07-04-ex3.c

% ./a.out hello.txt
Number of Options : 2
Let's open "hello.txt"!
Ready to read "hello.txt"
File hello.txt is now closed.
All set. Bye!
```

4. Explanation for extra files

N/A