

## Homework Assignments

### ➤ Homework #06

- Overview

- **Released date:** 11/1 (Fri.)
- **Due date:** 11/8 (Fri.)
- **Where to submit:** to e-class (<http://eclass.seoultech.ac.kr>)
  - Late submission is not allowed.
- **Assigned score:** 1 points

1. Refer to the following source code.

```
#include <stdio.h>
#include <string.h>
#include <stdlib.h>
#include <unistd.h>

void printflag(){
    printf("This is secret code for you : CS13245768Wn");
}

void func(){
    char buffer[0x10];
    printf("Key : ");
    fflush(stdout);
    read(0, buffer, 0x20); // limit
    if (strncmp(buffer, "weakpass", 10)==0)
    {
        printf("Login Successful!Wn");
    }
    else
    {
        printf("Login FAILED!!Wn");
    }
}

int main(int argc, char* argv[]){
    setvbuf(stdout, 0, _IOLBF, 0);
    setvbuf(stdin, 0, _IOLBF, 0);
    func();
    return 0;
}
```

2. Crash the compiled executable from this source code and open the core file with gdb.

Capture the screen and explain why the program has crashed.

- Submissions
  - Explain how to crash the `overflowme`
  - Captured images to show the debugging result