

Homework Assignments

➤ Homework #08

- Overview

- **Released date:** 11/22 (Fri.)
- **Due date:** 11/29 (Fri.)
- **Where to submit:** to e-class (<http://eclass.seoultech.ac.kr>)
 - Late submission is not allowed.
- **Assigned score:** 1 points

Consider the executable object file `a.out`, which is compiled and linked using the command

```
unix> gcc -o a.out main.c foo.c
```

and where the files `main.c` and `foo.c` consist of the following code:

```
/* main.c */
#include <stdio.h>

int a = 1;
static int b = 2;
int c = 3;

int main()
{
    int c = 4;

    foo();
    printf("a=%d b=%d c=%d\n", a, b, c);
    return 0;
}

/* foo.c */
int a, b, c;

void foo()
{
    a = 5;
    b = 6;
    c = 7;
}
```

What is the output of `a.out`?

Answer: `a=___, b=___, c=___`