

# 1 ADDITIONAL ASSIGNMENT FOR C REVIEW

Due Date: April 11, 2011 11:55pm

1. In this assignment, you're to correct a crashing program by using debugger (gdb).

- `code58.c`.
- Compile the code by the command

```
$ gcc -O0 -g -o code58 code58.c
```
- Run it, you should obtain a SIGV signal.

```
$ ./code58
```
- Debug it.

```
$ gdb code58
```
- You should use **gdb** and its commands to trace what is causing the problem.
- Correct the code.
  - What was wrong in the code?
  - Describe the procedure that you used in **gdb**. You **must** explain each command in the same order you used and explain why did you use it step by step.