[tian@royal-12] (5)$ rm -f \*.o 537make

[tian@royal-12] (6)$ scan-build make

scan-build: Using '/afs/cs.wisc.edu/s/clang-6.0.1/@sys/bin/clang-8' for static analysis

/afs/cs.wisc.edu/s/clang-6.0.1/@sys/bin/../libexec/ccc-analyzer -Wall -Wextra -g -c main.c

/afs/cs.wisc.edu/s/clang-6.0.1/@sys/bin/../libexec/ccc-analyzer -Wall -Wextra -g -c parser.c

/afs/cs.wisc.edu/s/clang-6.0.1/@sys/bin/../libexec/ccc-analyzer -Wall -Wextra -g -c graph.c

/afs/cs.wisc.edu/s/clang-6.0.1/@sys/bin/../libexec/ccc-analyzer -Wall -Wextra -g -c process.c

/afs/cs.wisc.edu/s/clang-6.0.1/@sys/bin/../libexec/ccc-analyzer -o 537make main.o parser.o graph.o process.o

scan-build: Removing directory '/tmp/scan-build-2018-11-08-223433-32159-1' because it contains no reports.

scan-build: No bugs found.

[tian@royal-12] (7)$ cd simple\_testcase

[tian@royal-12] (8)$ ../537make

this is func parser

open succesfully in func parser

Segmentation fault (core dumped)

[tian@royal-12] (9)$ gdb ../537make

GNU gdb (Ubuntu 8.1-0ubuntu3) 8.1.0.20180409-git

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and "show warranty" for details.

This GDB was configured as "x86\_64-linux-gnu".

Type "show configuration" for configuration details.

For bug reporting instructions, please see:

<http://www.gnu.org/software/gdb/bugs/>.

Find the GDB manual and other documentation resources online at:

<http://www.gnu.org/software/gdb/documentation/>.

For help, type "help".

Type "apropos word" to search for commands related to "word"...

Reading symbols from ../537make...done.

(gdb) run ../537make

Starting program: /afs/cs.wisc.edu/u/t/i/tian/private/cs537/p3/test/537make ../537make

this is func parser

open succesfully in func parser

Program received signal SIGSEGV, Segmentation fault.

0x00005555555553d4 in parser (path=0x555555556158 "makefile") at parser.c:100

100 s[i] -> target = temp;

(gdb)