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CS271

AAL07

```
pi@gibsgibs: ~                                           —    □    ✕

pi@gibsgibs:~ $ vim asml7_1.s
pi@gibsgibs:~ $ as -o asml7_1.o asml7_1.s
pi@gibsgibs:~ $ gcc -o asml7_1 asml7_1.o
pi@gibsgibs:~ $ ./asml7_1
pi@gibsgibs:~ $ ./asml7_1 ; echo $?
54
pi@gibsgibs:~ $ █
```

```
pi@gibsgibs: ~                                           —    □    ✕

pi@gibsgibs:~ $ vim asml7_2.s
pi@gibsgibs:~ $ as -o asml7_2.o asml7_2.s
pi@gibsgibs:~ $ gcc -o asml7_2 asml7_2.o
pi@gibsgibs:~ $ ./asml7_2
pi@gibsgibs:~ $ ./asml7_2 ; echo $?
17
pi@gibsgibs:~ $ █
```

```
pi@gibsgibs: ~                                           —    □    ✕

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 ./asml7_2...(no debugging symbols found)...done.
(gdb) start
Temporary breakpoint 1 at 0x103e8
Starting program: /home/pi/asml7_2

Temporary breakpoint 1, 0x000103e8 in main ()
(gdb) break end
Breakpoint 2 at 0x10410
(gdb) continue
Continuing.

Breakpoint 2, 0x00010410 in end ()
(gdb) info registers r0 r1 r2 r3
r0              0x12511  75025
r1              0xb520   46368
r2              0x12511  75025
r3              0x17     23
(gdb) █
```