

```
cs6c12@msritcse:~/week6$ cc p12.c
cs6c12@msritcse:~/week6$ ./a.out
test
PATH :/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/u
sr/local/games:/snap/bin
PWD :/home/cs6c12/week6
LOGNAME :cs6c12
end test
```

```
cs6c12@msritcse:~/week6$ cc p2.c
cs6c12@msritcse:~/week6$ ./a.out
in f1():
globval = 95, autoval = 96, regival = 97, volaval = 98, statval = 99
after longjmp:
globval = 10000, autoval = 96, regival = 3, volaval = 98, statval = 99
```

```
cs6c12@msritcse:~/week6$ cc p3.c
cs6c12@msritcse:~/week6$ ./a.out t1.txt t2.txt
FILE 1 OPENED SUCCESSFULLY
FILE 2 OPENED SUCCESSFULLY
FILE SIZE OF FILE 1 OBTAINED
FILE 2 CLOSED SUCCESSFULLY
```

```
cs6c12@msritcse:~/week6$ cc p4.c
cs6c12@msritcse:~/week6$ ./a.out
a write to stdout
before fork
pid = 21184, glob = 7, var = 89
pid = 21183, glob = 6, var = 88
```

```
cs6c12@msritcse:~/week6$ cc p5.c
cs6c12@msritcse:~/week6$ ./a.out
before vfork
pid = 22467, glob = 7, var = 89
```

```
cs6c12@msritcse:~/week6$ ./a.out
normal termination, exit status = 7
abnormal termination, signal number = 6 (core dumped)
abnormal termination, signal number = 8 (core dumped)
```