

SAMPLE RUN

```
hughesc2@compile:~/pr3
[hughesc2@compile pr3]$ make
gcc -pthread csapp.c shellex.c -o my257sh
shellex.c: In function 'pcwd':
shellex.c:49:1: warning: passing argument 1 of 'getcwd' from incompatible pointer type [enabled by default]
  void pcwd(char **argv){printf("%s\n",getcwd(argv, MAXARGS));}
  ^
In file included from csapp.h:11:0,
                  from shellex.c:15:
/usr/include/unistd.h:511:14: note: expected 'char *' but argument is of type 'char **'
  extern char *getcwd (char *__buf, size_t __size) __THROW __wur;
                  ^
[hughesc2@compile pr3]$ ./my257sh
my257sh>ls -l
total 88
-rw-rw----. 1 hughesc2 hughesc2 25104 Apr 26 13:45 csapp.c
-rw-rw----. 1 hughesc2 hughesc2 6621 Apr 26 13:45 csapp.h
-rw-rw----. 1 hughesc2 hughesc2 71 Apr 26 22:53 Makefile
-rwxrwx---. 1 hughesc2 hughesc2 37240 Apr 26 22:54 my257sh
-rw-rw----. 1 hughesc2 hughesc2 5516 Apr 26 22:51 shellex.c
Child exit status: 0
my257sh>ps w
  PID TTY          STAT TIME  COMMAND
 2822 pts/2    Ss   0:00  -bash
 8731 pts/2    T    0:00  ./my257sh hey l p
 8968 pts/2    T    0:00  ./my257sh -p l
14888 pts/2    T    0:00  ./my257sh
19004 pts/2    S+   0:00  ./my257sh
19036 pts/2    R+   0:00  ps w
Child exit status: 0
my257sh>pid
19004
my257sh>ppid
2822
my257sh>cd ..
my257sh>ls -l
total 72
drwxr-x---. 13 hughesc2 hughesc2 4096 Jan 26 17:40 example_code
-rw-rw----. 1 hughesc2 hughesc2 4961 Jan 28 12:27 Lab1.tar
drwxrwx---. 2 hughesc2 hughesc2 4096 Feb 22 21:17 lab2
drwxrwx---. 2 hughesc2 hughesc2 4096 Feb 17 20:28 lab3
drwxrwx---. 2 hughesc2 hughesc2 4096 Feb 22 23:42 lab4
drwxrwx---. 2 hughesc2 hughesc2 4096 Mar 4 19:51 lab5
drwxrwx---. 2 hughesc2 hughesc2 4096 Mar 18 15:48 lab6
drwxrwx---. 2 hughesc2 hughesc2 4096 Apr 5 07:48 lab7
drwxrwx---. 2 hughesc2 hughesc2 4096 Apr 4 16:26 lab8
drwxrwx---. 4 hughesc2 hughesc2 4096 Apr 22 14:02 lab9
-rwxrwxrwx. 1 hughesc2 hughesc2 239 Jan 26 17:03 myfile
drwxrwxrwx. 2 hughesc2 hughesc2 4096 Jan 28 11:41 newdir
```

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drwxr-x---. 13 hughesc2 hughesc2 4096 Jan 26 17:40 example_code
-rw-rw----. 1 hughesc2 hughesc2 4961 Jan 28 12:27 Lab1.tar
drwxrwx---. 2 hughesc2 hughesc2 4096 Feb 22 21:17 lab2
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drwxrwx---. 2 hughesc2 hughesc2 4096 Mar  4 19:51 lab5
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drwxrwx---. 2 hughesc2 hughesc2 4096 Apr  5 07:48 lab7
drwxrwx---. 2 hughesc2 hughesc2 4096 Apr  4 16:26 lab8
drwxrwx---. 4 hughesc2 hughesc2 4096 Apr 22 14:02 lab9
-rwxrwxrwx. 1 hughesc2 hughesc2 239 Jan 26 17:03 myfile
drwxrwxrwx. 2 hughesc2 hughesc2 4096 Jan 28 11:41 newdir
drwxrwx---. 2 hughesc2 hughesc2 4096 Mar 13 07:15 p1
drwxrwx---. 2 hughesc2 hughesc2 4096 Apr 26 21:43 p2
drwxrwx---. 2 hughesc2 hughesc2 4096 Apr 26 22:54 pr3
-rw-rw----. 1 hughesc2 hughesc2 35 Feb  8 18:02 TEST
-rw-rw----. 1 hughesc2 hughesc2 37 Feb  8 17:08 tutor
Child exit status: 0
my257sh>cd pr3
my257sh>ls -l
total 88
-rw-rw----. 1 hughesc2 hughesc2 25104 Apr 26 13:45 csapp.c
-rw-rw----. 1 hughesc2 hughesc2 6621 Apr 26 13:45 csapp.h
-rw-rw----. 1 hughesc2 hughesc2 71 Apr 26 22:53 Makefile
-rwxrwx---. 1 hughesc2 hughesc2 37240 Apr 26 22:54 my257sh
-rw-rw----. 1 hughesc2 hughesc2 5516 Apr 26 22:51 shellex.c
Child exit status: 0
my257sh>help
Simple Unix Shell
How to change shell prompt: ./shellex -p <prompt>

List of build in commands:
pid - prints process id of the shell
ppid - prints parent process id of the shell
cd - prints current working directory
cd <path> - changes current working directory

Use 'man' command to get help if looking for non-built-in commands
my257sh>bogus
Execution failed (in fork)
: No such file or directory
Child exit status: 1
my257sh>^C
my257sh>exit
Terminated
```