

15. Write a C program which display the information of a given file similar to given by the unix / linux command

ls -l <file name>

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#include <stdio.h>
#include <unistd.h>
#include <sys/types.h>
#include <sys/wait.h>
#include <stdlib.h>
int main()
{
    int pid;           //process id
    pid = fork();       //create another process
    if ( pid < 0 )
    {
        //fail
        printf("\n Fork failed\n");
        exit (-1);
    }
    else if ( pid == 0 )
    {
        //child
        execlp("/bin/ls", "ls", "-l", NULL);    //execute ls
    }
    else
    {
        //parent
        wait (NULL);           //wait for child
        printf("\n Child complete\n");
        exit (0);
    }
return 0;
}
/*
shubham@shubham:~/Documents/C Programs$ gcc 15lscommand.c -o
test
shubham@shubham:~/Documents/C Programs$ ./test
total 104
-rw-r--r--  1 shubham shubham   817 Mar  1 17:21
10currentdir.c
-rw-r--r--  1 shubham shubham   560 Apr 27 18:29 15lscommand.c
-rw-r--r--  1 shubham shubham  2421 Mar 11 20:52
16shellcount.c
-rw-r--r--  1 shubham shubham  1982 Mar 11 20:54 17shellllist.c
-rw-r--r--  1 shubham shubham  3150 Mar 11 19:50
18shelltypeline.c
```

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-rw-r--r--  1 shubham shubham  3111 Mar 11 19:33
19shellsearch.c
-rw-r--r--  1 shubham shubham  1101 Mar  1 11:48 3holefile.c
-rw-r--r--  1 shubham shubham   759 Feb 13 16:10 4inode.c
-rw-r--r--  1 shubham shubham  1157 Mar  1 11:14 6filetype.c
-rw-r--r--  1 shubham shubham   381 Feb 10 11:47 7atexit.c
-rw-r--r--  1 shubham shubham   445 Mar  1 10:59 8sleep.c
-rw-r--r--  1 shubham shubham   427 Feb 13 15:44 9filesize.c
drwxr-xr-x 27 shubham shubham  4096 Mar 20  2014 apue.3e
-rw-rw-r--  1 shubham shubham    60 Mar 11 20:18 demo.docx
-rw-r--r--  1 shubham shubham    69 Mar 20 18:37 demo.txt
-rw-r--r--  1 shubham shubham 16394 Mar  1 11:48 file.hole
-rw-r--r--  1 shubham shubham   465 Mar 22 14:01 hello.c
-rw-r--r--  1 shubham shubham   635 Mar 20 18:59 lseek.c
drwxr-xr-x  2 shubham shubham  4096 Feb 13 16:08 new
-rw-r--r--  1 shubham shubham     5 Apr 27 18:00 program.txt
-rw-r--r--  1 shubham shubham   439 Mar 17 16:15 race.c
-rwxr-xr-x  1 shubham shubham  8480 Apr 27 18:29 test
-rw-r--r--  1 shubham shubham   413 Apr 27 18:00 udf.c

```

Child complete

*/