Aditya Iyer
Student ID: 24377286
ACCESS UCI ref # 000911529

Problem 1)

```
asiyer@conway-stern:~/53/hw3 — ssh asiyer@openlab.ics.uci...        ~ — asiyer@ron-cadillac:~/53/hw3 — -bash          ~ — -bash

asiyer@conway-stern 23:41:10 ~/53/hw3
$ make
gcc -std=c99 -g -c my_ls.c
gcc -std=c99 -g -c main.c
gcc -std=c99 -g my_ls.o main.o -o my_ls
asiyer@conway-stern 23:41:12 ~/53/hw3
$ ls
core.13307  core.13430  core.19493  core.22720  core.4428  core.4626  hello.c    main.c  Makefile  my_ls.c  my_ls.h.gch  randomdir/  test.c
core.13387  core.19482  core.22542  core.2829   core.4543  core.4796  hw3.script main.o  my_ls*    my_ls.h  my_ls.o      test1.txt
asiyer@conway-stern 23:41:22 ~/53/hw3
$
```

Problem 2)

(no arguments)

```
asiyer@conway-stern 23:43:53 ~/53/hw3
$ my_ls
-rw------- 1 asiyer ugrad 15904 Thu Jan 28 23:41:12 2016 my_ls.o
-rw------- 1 asiyer ugrad 3648 Thu Jan 28 23:41:12 2016 main.o
-rw------- 1 asiyer ugrad 375 Thu Jan 28 23:05:59 2016 Makefile
-rw------- 1 asiyer ugrad 2176440 Thu Jan 28 18:05:42 2016 my_ls.h.gch
-rw------- 1 asiyer ugrad 3244 Thu Jan 28 23:09:19 2016 my_ls.c
-rw------- 1 asiyer ugrad 188416 Sun Jan 24 16:25:01 2016 core.13307
-rw------- 1 asiyer ugrad 73 Sun Jan 24 16:24:36 2016 test.c
-rw------- 1 asiyer ugrad 188416 Sun Jan 24 16:26:27 2016 core.13387
-rw------- 1 asiyer ugrad 188416 Sun Jan 24 16:27:08 2016 core.13430
drwx------ 3 asiyer ugrad 2048 Wed Jan 27 18:58:42 2016 randomdir
-rw------- 1 asiyer ugrad 13 Mon Jan 25 16:01:25 2016 test1.txt
-rw------- 1 asiyer ugrad 389120 Wed Jan 27 19:14:49 2016 core.2829
-rw------- 1 asiyer ugrad 56 Wed Jan 27 18:32:18 2016 hello.c
-rw------- 1 asiyer ugrad 389120 Wed Jan 27 19:26:23 2016 core.4428
-rw------- 1 asiyer ugrad 389120 Wed Jan 27 19:27:10 2016 core.4543
-rw------- 1 asiyer ugrad 389120 Wed Jan 27 19:27:29 2016 core.4626
-rw------- 1 asiyer ugrad 389120 Wed Jan 27 19:28:51 2016 core.4796
-rw------- 1 asiyer ugrad 389120 Thu Jan 28 11:32:16 2016 core.22542
-rw------- 1 asiyer ugrad 389120 Thu Jan 28 11:35:10 2016 core.22720
-rw------- 1 asiyer ugrad 389120 Thu Jan 28 15:41:18 2016 core.19482
-rw------- 1 asiyer ugrad 389120 Thu Jan 28 15:41:24 2016 core.19493
-rw------- 1 asiyer ugrad 758 Thu Jan 28 21:44:54 2016 my_ls.h
-rwx------ 1 asiyer ugrad 16411 Thu Jan 28 23:41:12 2016 my_ls
-rw------- 1 asiyer ugrad 87 Thu Jan 28 17:56:40 2016 main.c
-rw------- 1 asiyer ugrad 262144 Thu Jan 28 23:13:35 2016 hw3.script
asiyer@conway-stern 23:44:02 ~/53/hw3
$
```

Aditya Iyer
Student ID: 24377286
ACCESS UCI ref # 000911529

(file as argument)

```
asiyer@conway-stern 23:44:02 ~/53/hw3
$ my_ls test1.txt
-rw------- 1 asiyer ugrad 13 Mon Jan 25 16:01:25 2016 test1.txt
```

(directory as argument)

```
asiyer@conway-stern 23:46:40 ~/53/hw3
$ my_ls ~/53/hw2
    -rw------- 1 asiyer ugrad 188416 Mon Jan 18 21:58:29 2016 /home/asiyer/53/hw2/core.4403
    -rwx------ 1 asiyer ugrad 15935 Thu Jan 21 22:41:37 2016 /home/asiyer/53/hw2/a.out
    -rw------- 1 asiyer ugrad 188416 Mon Jan 18 22:03:54 2016 /home/asiyer/53/hw2/core.6197
    -rw------- 1 asiyer ugrad 188416 Mon Jan 18 21:59:46 2016 /home/asiyer/53/hw2/core.4439
    -rw------- 1 asiyer ugrad 12288 Wed Jan 20 12:59:27 2016 /home/asiyer/53/hw2/.parseC.c.swp
    -rw------- 1 asiyer ugrad 192512 Mon Jan 18 22:13:01 2016 /home/asiyer/53/hw2/core.6807
    -rw------- 1 asiyer ugrad 188416 Mon Jan 18 22:05:29 2016 /home/asiyer/53/hw2/core.6244
    -rw------- 1 asiyer ugrad 188416 Mon Jan 18 21:02:33 2016 /home/asiyer/53/hw2/core.710
    -rw------- 1 asiyer ugrad 188416 Mon Jan 18 21:03:18 2016 /home/asiyer/53/hw2/core.764
    -rw------- 1 asiyer ugrad 188416 Tue Jan 19 18:07:20 2016 /home/asiyer/53/hw2/core.26447
    -rw------- 1 asiyer ugrad 188416 Tue Jan 19 15:39:40 2016 /home/asiyer/53/hw2/core.19309
    -rw------- 1 asiyer ugrad 188416 Tue Jan 19 15:38:22 2016 /home/asiyer/53/hw2/core.19234
            -rw------- 1 asiyer ugrad 351 Mon Jan 18 11:17:56 2016 /home/asiyer/53/hw2/R2D2/2_parseC.c
        -rwx------ 1 asiyer ugrad 15600 Mon Jan 18 22:17:53 2016 /home/asiyer/53/hw2/R2D2/a.out
        -rwx------ 1 asiyer ugrad 11905 Mon Jan 18 12:39:51 2016 /home/asiyer/53/hw2/R2D2/strfuncs
        -rw------- 1 asiyer ugrad 6351 Mon Jan 18 22:17:51 2016 /home/asiyer/53/hw2/R2D2/main.c
        -rwx------ 1 asiyer ugrad 6594 Mon Jan 18 11:18:04 2016 /home/asiyer/53/hw2/R2D2/parseC
                -rwx------ 1 asiyer ugrad 6458 Mon Jan 18 11:17:13 2016 /home/asiyer/53/hw2/R2D2/samples/a.out
            -rw------- 1 asiyer ugrad 145 Mon Jan 18 11:16:50 2016 /home/asiyer/53/hw2/R2D2/samples/sample.c
        -rw------- 1 asiyer ugrad 3768 Mon Jan 18 12:42:19 2016 /home/asiyer/53/hw2/R2D2/1_str_funcs.c
    -rw------- 1 asiyer ugrad 188416 Tue Jan 19 18:10:03 2016 /home/asiyer/53/hw2/core.26609
    -rw------- 1 asiyer ugrad 188416 Mon Jan 18 17:31:53 2016 /home/asiyer/53/hw2/core.15113
    -rw------- 1 asiyer ugrad 188416 Tue Jan 19 18:13:59 2016 /home/asiyer/53/hw2/core.26858
    -rw------- 1 asiyer ugrad 188416 Tue Jan 19 18:15:47 2016 /home/asiyer/53/hw2/core.26955
    -rw------- 1 asiyer ugrad 188416 Tue Jan 19 18:16:40 2016 /home/asiyer/53/hw2/core.27010
    -rw------- 1 asiyer ugrad 188416 Tue Jan 19 18:18:11 2016 /home/asiyer/53/hw2/core.27199
    -rw------- 1 asiyer ugrad 188416 Tue Jan 19 18:23:00 2016 /home/asiyer/53/hw2/core.27512
    -rw------- 1 asiyer ugrad 192512 Tue Jan 19 18:26:51 2016 /home/asiyer/53/hw2/core.27740
    -rw------- 1 asiyer ugrad 192512 Tue Jan 19 18:28:50 2016 /home/asiyer/53/hw2/core.27894
    -rw------- 1 asiyer ugrad 192512 Tue Jan 19 18:30:34 2016 /home/asiyer/53/hw2/core.28086
    -rw------- 1 asiyer ugrad 192512 Tue Jan 19 18:31:55 2016 /home/asiyer/53/hw2/core.28171
    -rw------- 1 asiyer ugrad 188416 Tue Jan 19 19:01:29 2016 /home/asiyer/53/hw2/core.32737
    -rw------- 1 asiyer ugrad 188416 Tue Jan 19 19:01:55 2016 /home/asiyer/53/hw2/core.308
    -rwx------ 1 asiyer ugrad 15951 Thu Jan 21 22:58:42 2016 /home/asiyer/53/hw2/str
    -rw------- 1 asiyer ugrad 3876 Thu Jan 21 15:32:07 2016 /home/asiyer/53/hw2/24377286_parseC.c
    -rwx------ 1 asiyer ugrad 10507 Thu Jan 21 23:05:58 2016 /home/asiyer/53/hw2/parseC
    -rw------- 1 asiyer ugrad 6561 Mon Jan 25 17:43:58 2016 /home/asiyer/53/hw2/24377286_str.c
    -rw------- 1 asiyer ugrad 155 Wed Jan 20 17:39:46 2016 /home/asiyer/53/hw2/test.c
    -rw------- 1 asiyer ugrad 225280 Thu Jan 21 00:01:14 2016 /home/asiyer/53/hw2/core.1877
    -rw------- 1 asiyer ugrad 225280 Thu Jan 21 00:03:51 2016 /home/asiyer/53/hw2/core.2036
    -rw------- 1 asiyer ugrad 225280 Thu Jan 21 00:05:41 2016 /home/asiyer/53/hw2/core.2162
    -rw------- 1 asiyer ugrad 225280 Thu Jan 21 00:07:27 2016 /home/asiyer/53/hw2/core.2303
    -rw------- 1 asiyer ugrad 225280 Thu Jan 21 00:08:01 2016 /home/asiyer/53/hw2/core.2386
    -rw------- 1 asiyer ugrad 225280 Thu Jan 21 00:21:34 2016 /home/asiyer/53/hw2/core.3188
    -rw------- 1 asiyer ugrad 225280 Thu Jan 21 00:31:30 2016 /home/asiyer/53/hw2/core.4654
    -rw------- 1 asiyer ugrad 225280 Thu Jan 21 00:33:09 2016 /home/asiyer/53/hw2/core.4744
    -rw------- 1 asiyer ugrad 225280 Thu Jan 21 00:37:17 2016 /home/asiyer/53/hw2/core.5006
asiyer@conway-stern 23:46:44 ~/53/hw3
$
```