

# find Assignment :

1. Search and display all \*.c and \*.h files in all subdirectories starting from current directory.

```
user64@trainux01:~/Batch17Oct2024_189$ find . -type f \( -name "*.c" -o -name "*.h" \)
./strint.c
./intun.c
./tri.c
./while.c
./ashuFldr/day17/stack_v01.c
./ashuFldr/day17/stack_v01.h
./ashuFldr/day17/main.c
./ashuFldr/day01_day03/makeUt/inc/calc.h
./ashuFldr/day01_day03/makeUt/src/calc.c
./ashuFldr/day01_day03/makeUt/src/main.c
./ashuFldr/day01_day03/libs/calc.h
./ashuFldr/day01_day03/libs/calc.c
./ashuFldr/day01_day03/libs/main.c
./ashuFldr/day01_day03/test1.c
./ashuFldr/day01_day03/main.c
./ashuFldr/day16/ll_v05.c
./ashuFldr/day16/ll_v01.c
./ashuFldr/day16/ll_v02.c
./ashuFldr/day16/ll_v04.c
./ashuFldr/day16/ll_v03.c
./ashuFldr/day07/p2.c
./ashuFldr/day07/p5.c
./ashuFldr/day07/p9.c
./ashuFldr/day07/p6.c
./ashuFldr/day07/p3.c
./ashuFldr/day07/p1.c
```

2. Search and display all directories in all subdirectories starting from current director.

## A. Find . -type d

```
user64@trainux01:~/Batch17Oct2024_189/ashuFldr$ find . -type d
.
./day17
./day01_day03
./day01_day03/makeUt
./day01_day03/makeUt/obj
./day01_day03/makeUt/inc
./day01_day03/makeUt/src
./day01_day03/libs
./day16
./day07
./day13
./day13/prj01
./day13/prj01/inc
./day13/prj01/src
./day13/prj01/data
./day13/prj01/scripts
./day06
./day06/gdbTool
./day06/gprofTool
./day06/cTagsTool
./day06/cTagsTool/ctags
./day06/cTagsTool/ctags/project
./day06/cTagsTool/ctags/project/main
./day06/cTagsTool/ctags/project/main/src
./day06/cTagsTool/ctags/project/mod1
./day06/cTagsTool/ctags/project/mod1/src
./day06/cTagsTool/ctags/project/mod1/include
./day06/cTagsTool/ctags/project/mod2
./day06/cTagsTool/ctags/project/mod2/src
./day06/cTagsTool/ctags/project/mod2/include
./day06/cTagsTool/ctags/project/mod4
./day06/cTagsTool/ctags/project/mod4/src
./day06/cTagsTool/ctags/project/mod4/include
./day06/cTagsTool/ctags/project/mod3
```

2. Search and display all files with permissions only rw with user and execute permission for others.

```
user64@trainux01:~/Batch17Oct2024_189$ find . -type f -perm 764
user64@trainux01:~/Batch17Oct2024_189$ ll
total 108
drwxrwxr-x  8 user64 user64  4096 Nov 17 10:23 ./
drwx----- 18 user64 user64  4096 Nov 19 07:38 ../
drwxrwxr-x  8 user64 user64  4096 Nov  6 06:13 .git/
-rw-r--r--  1 user64 user64 12288 Nov  4 09:39 .str.c.swp
drwxrwxr-x  3 user64 user64  4096 Nov  6 06:12 Assignment/
drwxrwxr-x  3 user64 user64  4096 Oct 28 07:20 CGBatch17Oct2024/
-rw-rw-r--  1 user64 user64    20 Oct 28 06:52 README.md
-rwxrwxr-x  1 user64 user64  8480 Nov  5 10:08 a.out*
-rw-rw-r--  1 user64 user64   213 Nov  4 07:33 abc.c
drwxrwxr-x 17 user64 user64  4096 Nov 19 05:13 ashuFldr/
drwxrwxr-x  4 user64 user64  4096 Nov 15 07:05 classwork/
-rw-rw-r--  1 user64 user64    63 Nov  5 06:48 elseif.c
-rw-rw-r--  1 user64 user64   803 Nov  4 10:12 fgh.c
-rw-rw-r--  1 user64 user64    40 Oct 25 11:15 github.txt
-rw-rw-r--  1 user64 user64   322 Nov  4 10:30 intun.c
-rw-rw-r--  1 user64 user64   217 Nov  4 09:54 keer.c
-rw-rw-r--  1 user64 user64    35 Nov  6 04:15 p.c
drwxrwxr-x  3 user64 user64  4096 Nov 17 10:23 srs/
-rw-rw-r--  1 user64 user64   213 Nov  4 09:54 str.c
-rw-rw-r--  1 user64 user64   162 Nov  4 09:56 strint.c
-rw-rw-r--  1 user64 user64     0 Nov  4 09:55 striny.c
-rw-rw-r--  1 user64 user64   580 Nov  5 07:05 swtich.c
-rw-rw-r--  1 user64 user64   161 Nov  4 10:03 tri.c
-rw-rw-r--  1 user64 user64  1144 Nov  5 10:13 while.c
```