

Filename : gcc entery_point.c put_list.c dopath.c copy_args.c include.h

entery_point.c : This is the starting point of the homwwork,store the user input

copy_args.c: This function is used to shows the output according to user requirement

i.e -S -s 1024 -f str -t d

-t d it only prints the directories

-t f it only prints the regular files

dopath.c : This file provides the file information

put_list.c : this file for print the user requirement

include.h : this is a file for variables and function declarations.

compile the program : gcc entery_point.c put_list.c dopath.c copy_args.c -o hw2_sgoturi

make

Options:

rm -fr hw2_sgoturi

gcc entery_point.c put_list.c dopath.c copy_args.c -o hw2_sgoturi

```
root@SLP-20990897:/home/CSE/karthic_Final/hw2# ./hw2_sgoturi
```

```
.                DIR
./copy_args.c    REGULAR FILE
./dopath.c       REGULAR FILE
./entery_point.c REGULAR FILE
./hw2_read.txt   REGULAR FILE
./hw2_sgoturi    REGULAR FILE
./hw_single_file.c REGULAR FILE
./include.h      REGULAR FILE
./Makefile       REGULAR FILE
./put_list.c     REGULAR FILE
```

```
root@SLP-20990897:/home/CSE/karthic_Final/hw2# ./hw2_sgoturi -S
```

```
.                DIR (512)
./copy_args.c    REGULAR FILE (812)
./dopath.c       REGULAR FILE (1672)
./entery_point.c REGULAR FILE (1038)
./hw2_read.txt   REGULAR FILE (4939)
./hw2_sgoturi    REGULAR FILE (13864)
./hw_single_file.c REGULAR FILE (4881)
./include.h      REGULAR FILE (634)
./Makefile       REGULAR FILE (177)
./put_list.c     REGULAR FILE (1637)
```

```
root@SLP-20990897:/home/CSE/karthic_Final/hw2# ./hw2_sgoturi -S -s 1024
```

```
./dopath.c       REGULAR FILE (1672)
./entery_point.c REGULAR FILE (1038)
./hw2_read.txt   REGULAR FILE (4939)
./hw2_sgoturi    REGULAR FILE (13864)
./hw_single_file.c REGULAR FILE (4881)
./put_list.c     REGULAR FILE (1637)
```

```
root@SLP-20990897:/home/CSE/karthic_Final/hw2# ./hw2_sgoturi -S -s 1024 -t d
```

```
root@SLP-20990897:/home/CSE/karthic_Final/hw2# ./hw2_sgoturi -S -s 1024 -t f
```

```
./dopath.c          REGULAR FILE (1672)
```

```
./entery_point.c    REGULAR FILE (1038)
```

```
./hw2_read.txt      REGULAR FILE (4939)
```

```
./hw2_sgoturi       REGULAR FILE (13864)
```

```
./hw_single_file.c  REGULAR FILE (4881)
```

```
./put_list.c        REGULAR FILE (1637)
```

```
root@SLP-20990897:/home/CSE/karthic_Final/hw2# ./hw2_sgoturi -S -s 1024 -f list
```

```
./put_list.c        REGULAR FILE (1637)
```

```
root@SLP-20990897:/home/CSE/karthic_Final/hw2#
```

Description:

With this program, we print the directories and files that are present inside a directory, the execution of the program starts from the current directory.