OS Assignment02

sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice$ man ls
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice$ man ls
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice$ du -h --max-depth=1 | sort -rh
212K   .
136K   ./.git
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice$ ls -lt
total 72
-rw-rw-r-- 1 sunbeam sunbeam   19 Dec 26 17:35 README.md
-rw-rw-r-- 1 sunbeam sunbeam 42673 Dec 26 17:32 'assgn 1.pdf'
-rw-rw-r-- 1 sunbeam sunbeam   52 Dec 26 15:18 repeat.txt
-rw-rw-r-- 1 sunbeam sunbeam   0 Dec 26 15:10 taste.txt
-rw-rw-r-- 1 sunbeam sunbeam   3 Dec 26 14:39 name.txt
-rw-rw-r-- 1 sunbeam sunbeam   235 Dec 26 14:31 lsout.txt
-rw-rw-r-- 1 sunbeam sunbeam   37 Dec 26 14:27 sorted.txt
-rw-rw-r-- 1 sunbeam sunbeam   37 Dec 26 14:26 numbers.txt
-rw-rw-r-- 1 sunbeam sunbeam   22 Dec 26 14:10 numbers.txt1
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice$ ls -ls
total 72
44 -rw-rw-r-- 1 sunbeam sunbeam 42673 Dec 26 17:32 'assgn 1.pdf'
 4 -rw-rw-r-- 1 sunbeam sunbeam   235 Dec 26 14:31 lsout.txt
 4 -rw-rw-r-- 1 sunbeam sunbeam   3 Dec 26 14:39 name.txt
 4 -rw-rw-r-- 1 sunbeam sunbeam   37 Dec 26 14:26 numbers.txt
 4 -rw-rw-r-- 1 sunbeam sunbeam   22 Dec 26 14:10 numbers.txt1
 4 -rw-rw-r-- 1 sunbeam sunbeam   19 Dec 26 17:35 README.md
 4 -rw-rw-r-- 1 sunbeam sunbeam   52 Dec 26 15:18 repeat.txt
 4 -rw-rw-r-- 1 sunbeam sunbeam   37 Dec 26 14:27 sorted.txt
 0 -rw-rw-r-- 1 sunbeam sunbeam   0 Dec 26 15:10 taste.txt
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice$ ls -lS
total 72
-rw-rw-r-- 1 sunbeam sunbeam 42673 Dec 26 17:32 'assgn 1.pdf'
-rw-rw-r-- 1 sunbeam sunbeam   235 Dec 26 14:31 lsout.txt
-rw-rw-r-- 1 sunbeam sunbeam   52 Dec 26 15:18 repeat.txt
-rw-rw-r-- 1 sunbeam sunbeam   37 Dec 26 14:26 numbers.txt
-rw-rw-r-- 1 sunbeam sunbeam   37 Dec 26 14:27 sorted.txt
-rw-rw-r-- 1 sunbeam sunbeam   22 Dec 26 14:10 numbers.txt1
-rw-rw-r-- 1 sunbeam sunbeam   19 Dec 26 17:35 README.md
-rw-rw-r-- 1 sunbeam sunbeam   3 Dec 26 14:39 name.txt
-rw-rw-r-- 1 sunbeam sunbeam   0 Dec 26 15:10 taste.txt
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice$ ls -i
2123505 'assgn 1.pdf' 2123494 README.md
2123357 lsout.txt   2123401 repeat.txt
2123358 name.txt   2123356 sorted.txt

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sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice$ ls -R
.:
'assgn 1.pdf'  name.txt     numbers.txt1  repeat.txt  taste.txt
 lsout.txt     numbers.txt  README.md      sorted.txt
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice$ echo" khilari shraddha ">
sunbeam.txt
echo khilari shraddha : command not found
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice$ echo "khilari shraddha ">
sunbeam.txt
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice$ echo "khilari shraddha" >
sunbeam.txt
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice$ cat sunbeam.txt
khilari shraddha
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice$ cat >>sunbeam.txt
Sawargaon,Junnar,pune
^C
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice$ cat sunbeam.txt
khilari shraddha
Sawargaon,Junnar,pune
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice$ stat sunbeam.txt
  File: sunbeam.txt
  Size: 39       Blocks: 8       IO Block: 4096   regular file
Device: 813h/2067d  Inode: 2123495    Links: 1
Access: (0664/-rw-rw-r--)  Uid: ( 1000/ sunbeam)   Gid: ( 1000/ sunbeam)
Access: 2023-12-26 18:07:40.737835027 +0530
Modify: 2023-12-26 18:07:40.737835027 +0530
Change: 2023-12-26 18:07:40.737835027 +0530
 Birth: 2023-12-26 17:56:28.822458179 +0530


Que-7
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice$ mkdir one
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice$ cd one
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one$ touch 1.txt 11.txt 111.txt
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one$ mkdir two
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one$ cd two
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two$ touch 2.txt 22.txt
222.txt
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two$ mkdir three
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two$ cd three
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two/three$ touch 3.txt 33.txt
333.txt
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two/three$ mkdir four
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two/three$ cd four
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two/three/four$ touch 4.txt
44.txt 444.txt
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two/three/four$ mkdir five
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two/three/four$ cd five
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two/three/four/five$ touch
5.txt 55.txt 555.txt
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two/three/four/five$ cd ~
```

sunbeam@sunbeam-Lenovo-B590:~$

Que -8
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice$ ls one/two/three/four/five
555.txt 55.txt 5.txt
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice$ ls
 2.odt   name.txt   one   sh.txt.save taste.txt
'assgn 1.pdf' numbers.txt   README.md   sorted.txt
 lsout.txt   numbers.txt1 repeat.txt sunbeam.txt
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice$ cd one
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one$ cd five
bash: cd: five: No such file or directory
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one$ cd two
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two$ cd three
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two/three$ cd four
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two/three/four$ cd five
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two/three/four$ cd five
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two/three/four/five$ cd ..
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two/three/four$ cat > 44.txt
Shraddha
khilari
^C
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two/three/four$ cat 44.txt
Shraddha
khilari
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two/three/four$ cd ..
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two/three$ cd four
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two/three/four$ cd five
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two/three/four/five$ rm
555.txt
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two/three/four/five$ ls
55.txt 5.txt
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two/three/four/five$ cd ..
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two/three/four$ cd five
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two/three/four/five$ cd ..
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two/three/four$ cd ..
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two/three$ cd ..
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two$ ls
222.txt 22.txt 2.txt three
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two$ rm 222.txt
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two$ ls
22.txt 2.txt three
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two$ cd ..
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one$ rm -f two/three/four/five
rm: cannot remove 'two/three/four/five': Is a directory
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one$ rm -f two/three/four/five/*
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one$ cd two/three/four/five
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two/three/four/five$ ls
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two/three/four/five$ rmdir
two/three/four/five
rmdir: failed to remove 'two/three/four/five': No such file or directory

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sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two/three/four/five$ rm -rf
two/three/four
sunbeam@sunbeam-Lenovo-B590:~/Documents/OP SYS practice/one/two/three/four/five$ cd ~
sunbeam@sunbeam-Lenovo-B590:~$
```