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Assignment 3 - Testing

Invalid input

```
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :INVALID
Input error, please try again
Input :
```

Invalid capital input

```
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :INVALID
Input error, please try again
Input :F
new file path:
```

Adding directory

```
--= File System ==- Authors (Alphabetical): Cole Miller, Jesse Laframboise, Matthew Hellard ==-
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :a
new directory path:/A1
Directory added
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :
```

Adding file

```
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :a
new directory path:/A1
Directory added
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :f
new file path:/A1/new
File added
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :
```

Adding file to invalid directory

```
=== File System === Authors (Alphabetical): Cole Miller, Jesse Laframboise, Matthew Hellard ==-
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :f
new file path:/ABCDEFGF/file
file add error
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :
```

Adding file to path with illegal characters

```
--= File System ==- Authors (Alphabetical): Cole Miller, Jesse Laframboise, Matthew Hellard ==-
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :f
new file path:@@@@@@@@@@@@
file add error
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :
```

Adding directory to invalid directory

```
--= File System ==- Authors (Alphabetical): Cole Miller, Jesse Laframboise, Matthew Hellard ==-
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :a
new directory path:/ABCDEFGF/GFEDCBA
Could not add directory
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :
```

Adding directory to path with illegal characters

```
--= File System ==- Authors (Alphabetical): Cole Miller, Jesse Laframboise, Matthew Hellard ==-
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :a
new directory path:*****
Could not add directory
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :
```

Removing file

```
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :d
file removal path:/A1/new
file removed
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :
```

Removing invalid file

```

t== File System ==-== Authors (Alphabetical): Cole Miller, Jesse Laframboise, Matthew Hellard ==-
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ---(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :d
file removal path:/A1/file
File removal error
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ---(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :

```

Removing file from path with illegal characters

```

--== File System ==-- Authors (Alphabetical): Cole Miller, Jesse Laframboise, Matthew Hellard ==--
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ---(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :d
file removal path:~~~~~
file removal error
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ---(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :

```

Removing directory

```
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :r
Directory removal path:/A1
Directory removed
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :
```

Removing root directory

```
-- File System --- Authors (Alphabetical): Cole Miller, Jesse Laframboise, Matthew Hellard ---
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :r
Directory removal path:/
Could not remove directory
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :
```

Removing invalid directory

```
--= File System ==- Authors (Alphabetical): Cole Miller, Jesse Laframboise, Matthew Hellard ==-
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :r
Directory removal path:/B2
Could not remove directory
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :
```

Removing directory from path with illegal characters

```
--= File System ==- Authors (Alphabetical): Cole Miller, Jesse Laframboise, Matthew Hellard ==-
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :r
Directory removal path:^^^^^^^^^^^^^^^^^^^^
Could not remove directory
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :
```


Printing file count

```
Print File System (p)
Quit -----(q)
Input :a
new directory path:/A1
Directory added
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :f
new file path:/A1/new
File added
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :c
File count is 1
Hit enter to return
```

Printing file system

```
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :c
File count is 1
Hit enter to return

Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :p
Directory: /
    Directory: A1
    File: new

Hit enter to return
```

Attempting to add a directory with a name already in use

```
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :a
new directory path:/A1
Directory added
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :a
new directory path:/A1
Could not add directory
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :
```

Attempting to add a file with a name already in use

```
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :f
new file path:/A1/file1
File added
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :f
new file path:/A1/file1
file add error
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :
```

Resetting file system

```
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :n
File System reset
Menu:
Reset File System (n)
Add File -----(f)
Add Directory ----(a)
Remove File -----(d)
Remove Directory -(r)
Print File Count -(c)
Print File System (p)
Quit -----(q)
Input :
```