

```
] ]
osazeogieriakhi@Osazes-MacBook-Pro Assignment1 % gcc -o pa0 pa0_ogieriakhi.c pa0_ogieriakhi_func.c
```

```
osazeogieriakhi@Osazes-MacBook-Pro Assignment1 % ./pa0
Filesystem initialized!
```

```
****UNIX FILING SYSTEM****
```

```
Enter command: pwd
```

```
/
```

```
Enter command: rmdir baddir
```

```
Error: Directory 'baddir' does not exist
```

```
Enter command: ls
```

```
Directory is empty
```

```
Enter command: mkdir hello
```

```
Directory 'hello' created under '/'
```

```
Enter command: ls
```

```
D hello
```

```
Enter command: cd hello
```

```
Changed directory to 'hello'
```

```
Enter command: creat hello.txt
```

```
File 'hello.txt' created successfully in directory 'hello'.
```

```
Enter command: s
```

```
Error: Unknown command 's'
```

```
Enter command: ls
```

```
F hello.txt
```

```
Enter command: cd
```

```
CWD set to root
```

```
Enter command: ls
```

```
D hello
```

```
Enter command: rmdir hello.txt
```

```
Error: Directory 'hello.txt' does not exist
```

```
Enter command: mkdir hello
```

```
Error: Directory 'hello' already exists!
```

```
Enter command: cd hello
```

```
Changed directory to 'hello'
```

```
Enter command: mkdir world
```

```
Directory 'world' created under 'hello'
```

```
Enter command: ls
```

```
F hello.txt
```

```
D world
```

```
Enter command: rm world
```

```
Error: Cannot remove 'world' (not a FILE)!
```

```
Enter command: rmdir world
```

```
Directory 'world' removed successfully
```

```
Enter command: ls
```

```
F hello.txt
```

```
Moved up to directory '/'
```

```
Enter command: rmdir hello
```

```
Error: Directory 'hello' is not empty
```

```
Enter command: create hello.txt
```

```
Error: Unknown command 'create'
```

```
Enter command: quit
```

```
Filesystem saved to 'fssim_ogieriakhi.txt'.
```

```
Filesystem saved to 'fssim_ogieriakhi.txt'. Exiting program.
```

```
osazeogieriakhi@Osazes-MacBook-Pro Assignment1 %
```