Operating System: Project 3

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Tests

testmkdir.cpp

A stress test for block-segment management and operation `mkdir`. This test creates directories named $0, 1, 2, \ldots$. Copy the binary file to an empty directory and execute

```
./testmkdir <number of directories>
```

If the file system functions properly, there should be no errors.

testrmdir.cpp

A stress test for block-segment management and operation `rmdir`. This test creates a tree structure of directories first, then keeps removing a random directory until all directories are deleted. Copy the binary file to an empty directory and execute

```
./testrmdir <number of directories>
```

If the file system functions properly, `testrmdir` should not exit due to assertion failure.