

Test Title

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Chapter 1

random lists

1.1 Introduction

[link to algorithms book](#)
here is some text under the link

```
this is a test
```

here is more text under the link

Master Method

- chapter 4 in book
- $f(n) = \Omega n$
- another item
- hello there

Analysis of Quicksort

- worst case vs average case
- chapter 7

Partitioning Schemes

- quick selection
- median of median
- chapter 9

Data Structures

- priority Queues
- Heaps
-

```
#!/usr/bin/python

def test():
    print 'this_is_a_test'

test();
```

- Test item
- Chapter 6

1.2 testing

lets see if this will work
this is a test to see if updates work

```
#!/usr/bin/python

def test():
    print 'this_is_a_test'

test();
```

another line here
there should be two lines between block listings

```
this is a test
```

1.3 Number Two Test

here is some text before the number two file

```
#!/usr/python

import os

def numberTwo():
    print 'this_is_the_number_two_test_file'
    print 'another_print_statement_in_this_test_file'

numberTwo();
```

the output of the second file will be below

```
this is the number two test file
another print statement in this test file
```

this is some text under the output of the second file