Test Title

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Contents

Chapter 1

random lists

1.1 Introduction

link to algorithms book here is some text under the link

```
this is a test python file with a test print
```

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

1.2 testing

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

```python
#!/usr/bin/python

def test():
    print 'this is a test python file with a test print'
test();
```

another line here there should be two lines between block listings

```
this is a test python file with a test print
```

1.3 Number Two Test

here is some text before the number two file adding another line at the end of the document