1 Introduction

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2 This Section

In section 2 there are examples of the various types of lists[1]:

Item 1 header   This is item one...The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog.

Item 2 header   This is item one...The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog.

Item 3 header   This is item one...The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog.

1) **Item 1 header** — This is item one...The quick brown fox jumps over the lazy dog.
2) **Item 2 header** — This is item two...The quick brown fox jumps over the lazy dog.
3) **Item 3 header** — This is item three...The quick brown fox jumps over the lazy dog.

▸ **Item 1 header** — This is item one...The quick brown fox jumps over the lazy dog.
▸ **Item 2 header** — This is item two...The quick brown fox jumps over the lazy dog.
▸ **Item 3 header** — This is item three...The quick brown fox jumps over the lazy dog.

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[1]These correspond to the `<dl>`, `<ol>`, & `<ul>` HTML tags.

3   The Other Section

In section 3 there are examples of mathematics:

$$y = mx + b \qquad \text{Linear} \quad (3.1)$$

$$f(x) = \int_{-\infty}^{+\infty} e^{i\theta} \, d\theta \qquad \text{Integral}$$

$$(3.2)$$

$$z = 2^k - \binom{k}{1} 2^{k-1} + \binom{k}{2} 2^{k-2} \qquad \text{Binomial}$$

$$(3.3)$$

$$f(n) = \qquad (3.4)$$

$$f(n) = \qquad (3.5)$$

$$\binom{n}{k} = \left\{ \begin{array}{cc} 1 & \binom{n}{0} \\ 1 & \binom{n}{n} \\ \binom{n-1}{k-1} + \binom{n-1}{k} & 0 \le k \le n \end{array} \right\} \qquad (3.6)$$

4   The Code Section

```
1  //3456789012345678901234567890123456789012345678901234567890123456789012345678 90
2     public static String foo() {
3        return "FOO";
4     }
```

Listing 1: `foo` method

5   Conclusion

This last section provides a citation so that a bibliography is automatically included (Bretscher, 2009).

- ▸ **Item 1 header** — This is item one. . . The quick brown fox jumps over the lazy dog.
- ▸ **Item 2 header** — This is item two. . . The quick brown fox jumps over the lazy dog.
- ▸ **Item 3 header** — This is item three. . . The quick brown fox jumps over the lazy dog.

This is item three. . . The quick brown fox jumps over the lazy dog. This is item three. . . The quick brown fox jumps over the lazy dog. This is item three. . . The quick brown fox jumps over the lazy dog. This is item three. . . The quick brown fox jumps over the

lazy dog.

References

Bretscher, O. (2009). *Linear algebra with applications* (4th). Pearson Prentice Hall. http://isbn.nu/ 9780136009269