



NextStep IT Training
powered by Smallrock Internet

[Insert Book Title]

[Insert Book Subtitle]

[Insert Book Number]

[Insert Book Number] [Insert Book Title]

COPYRIGHT

Copyright [Insert copyright year(s)] by NextStep IT Training (Publisher), a division of Smallrock Internet Services, Inc. All rights reserved. Except as permitted under the United States Copyright Act of 1976, no part of this publication may be reproduced or distributed in any form or by any means, or stored in a database or retrieval system, without the prior written permission of the publisher, with the exception that the program listings may be entered, stored, and executed in a computer system, but they may not be reproduced for publication.

All trademarks are trademarks of their respective owners. Rather than put a trademark symbol after every occurrence of a trademarked name, we use names in an editorial fashion only, and to the benefit of the trademark owner, with no intention of infringement of the trademark. Where such designations appear in this book, they have been printed with initial caps.

Information has been obtained by Publisher from sources believed to be reliable. However, because of the possibility of human or mechanical error by our sources, Publisher, or others, Publisher does not guarantee the accuracy, adequacy, or completeness of any information included in this work and is not responsible for any errors or omissions or the results obtained from the use of such information.

Node.js is a registered trademark of Joyent, Inc. and/or its affiliates. JavaScript is a registered trademark of Oracle America, Inc and/or its affiliates. TypeScript is a registered trademark of Microsoft Corporation and/or its affiliates. Webpack is a registered trademark of JSFoundation, Inc. and/or its affiliates. All other trademarks are the property of their respective owners, and NextStep IT Training makes no claim of ownership by the mention of products that contain these marks.

TERMS OF USE

This is a copyrighted work and NextStep IT Training and its licensors reserve all rights in and to the work. Use of this work is subject to these terms. Except as permitted under the Copyright Act of 1976 and the right to store and retrieve one copy of the work, you may not decompile, disassemble, reverse engineer, reproduce, modify, create derivative works based upon, transmit, distribute, disseminate, sell, publish or sublicense the work or any part of it without NextStep IT Training's prior consent. You may use the work for your own noncommercial and personal use; any other use of the work is strictly prohibited. Your right to use the work may be terminated if you fail to comply with these terms.

THE WORK IS PROVIDED "AS IS." NEXTSTEP IT TRAINING AND ITS LICENSORS MAKE NO GUARANTEES OR WARRANTIES AS TO THE ACCURACY, ADEQUACY OR COMPLETENESS OF OR RESULTS TO BE OBTAINED FROM USING THE WORK, INCLUDING ANY INFORMATION THAT CAN BE ACCESSED THROUGH THE WORK VIA HYPERLINK OR OTHERWISE, AND EXPRESSLY DISCLAIM ANY WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. NextStep IT Training and its licensors do not warrant or guarantee that the functions contained in the work will meet your requirements or that its operation will be uninterrupted or error free. Neither NextStep IT Training nor its licensors shall be liable to you or anyone else for any inaccuracy, error or omission, regardless of cause, in the work or for any damages resulting therefrom. NextStep IT Training has no responsibility for the content of any information accessed through the work. Under no circumstances shall NextStep IT Training and/ or its licensors be liable for any indirect, incidental, special, punitive, consequential or similar damages that result from the use of or inability to use the work, even if any of them has been advised of the possibility of such damages. This limitation of liability shall apply to any claim or cause whatsoever whether such claim or cause arises in contract, tort or otherwise.

PROJECT TEAM

| | |
|----------------------|------------------|
| [Insert team member] | Course Director |
| [Insert team member] | Author |
| [Insert team member] | Editor |
| [Insert team member] | Technical Editor |
| [Insert team member] | Content Reviewer |

COURSE TEMPLATE

This book was created from the **Standard Course Template**. The template is an open-source project, released under the MIT license, and available at <https://github.com/nextstepitt/standard-course-template>. If you like the style of the book, feel free to use the template. A PayPal donation to [Joel's Coffee Fund at Smallrock Internet](#) will help keep stuff like this coming :)



999 Ponce de Leon Boulevard, Suite 830
Coral Gables, FL 33134
786-347-3155 / 800-418-0811

Foreword

A foreword is generally written by a well-known and respected figure. The writer of the foreword will generally have background or relevant experience with the topic of the book, and can support why the author was the right person to produce this material. Forewords are a good way to gain more authority for your book, when readers recognize and respect who wrote it.

Introduction

The author writes the introduction. The most important part of the introduction is the why. It's in this section that the the author explains why they wrote this book, why this story needs to be told, and why they were the right person to tell it.

Preface

The preface is written by the author of the book. A preface is perfect for explaining to the reader how you came to write the book, how long you've been working on it, what the reader can expect, acknowledgements, etc.

[Insert Book Number][Insert Book Title]

Insert the course description here.

Class Setup Requirements

- First requirement.
- Second requirement.

Prerequisites

- First prerequisite.
- Second prerequisite.

Agenda

- Chapter 1 - Title
- Chapter 2 - Title

Facilities

- Please set your devices to vibrate in the classroom
- If you are on a conference bridge keep the connection muted unless you are talking
- The class has fixed hours and lunch, and there will be breaks; please be here on time
- Facilities: rest rooms, break rooms, coffee, vending, and refrigerators



CONTENTS

| | |
|--|----------|
| Foreword | iii |
| Introduction | iv |
| Preface | v |
| 1 [Insert Chapter Title] | 1 |
| 1.1 [Insert Section One Title] | 2 |
| 1.1.1 [Insert Topic One Title] | 2 |
| 1.1.2 [Insert Topic Two Title] | 3 |
| 1.2 [Insert Section Two Title] | 4 |
| 1.2.1 [Insert Topic One Title] | 4 |
| 1.2.2 [Insert Topic Two Title] | 4 |
| 1.3 [Insert Section Three Title] | 5 |
| 1.3.1 [Insert Topic One Title] | 5 |
| 1.3.2 [Insert Topic Two Title] | 5 |
| 1.3.3 Checkpoint | 5 |
| 1.4 Lab - [Insert Chapter Title] | 6 |

CHAPTER 1

[INSERT CHAPTER TITLE]

[Insert Section One Title]
[Insert Section Two Title]
[Insert Section Three Title]
Lab - [Insert Chapter Title]

Objectives

- First objective
- Second objective
- Third objective

Overview

[Describe what will be discussed in this chapter].

1.1 [Insert Section One Title]

[Insert Section One Title]

[Insert Section Two Title]

[Insert Section Three Title]

Lab - [Insert Chapter Title]

1.1.1 [Insert Topic One Title]



```
// add.js

let x = 5
let y = 10
let s1 = 'for this is a string with \'embedded quotes\''
let s2 = 'for this is a string with "embedded quotes"'

console.log(x + 5)
```

```
$ node add.js
15
$
```

The \$ character will be used as the command line prompt in all examples.

| Header Column One | Header Column Two |
|---------------------|---------------------|
| Row one, column one | Row one, column two |
| Row two, column one | Row two, column two |

- This is the first bullet point of the topic
- This is the second bullet point of the topic; use *emph* to emphasise keywords in the topics (which should be the same as *textit*), and **textbf** if bold is necessary
- This is the first bullet point of the topic
- This is the second bullet point of the topic; use *emph* to emphasise keywords in the topics (which should be the same as *textit*), and **textbf** if bold is necessary

1. This is the first bullet point of the topic
2. This is the second bullet point of the topic; use *emph* to emphasise keywords in the topics (which should be the same as *textit*), and **textbf** if bold is necessary

1.1.2 [Insert Topic Two Title]

- Each topic must have content

1.2 [Insert Section Two Title]

[Insert Section One Title]
[Insert Section Two Title]
[Insert Section Three Title]
Lab - [Insert Chapter Title]

1.2.1 [Insert Topic One Title]

- Each topic must have content

1.2.2 [Insert Topic Two Title]

- Each topic must have content

1.3 [Insert Section Three Title]

[Insert Section One Title]
[Insert Section Two Title]
[Insert Section Three Title]
Lab - [Insert Chapter Title]

1.3.1 [Insert Topic One Title]

- Each topic must have content

1.3.2 [Insert Topic Two Title]

- Each topic must have content

1.3.3 Checkpoint

- Checkpoint one
- Checkpoint two
- Checkpoint three
- Checkpoint four
- Checkpoint five
- Checkpoint six

1.4 Lab - [Insert Chapter Title]

[Insert Section One Title]
[Insert Section Two Title]
[Insert Section Three Title]
Lab - [Insert Chapter Title]

Goals

- Goal number one
- Goal number two
- Goal number three

Synopsis

Synopsis description of what is going to happen in the lab (reinforce the goals).

Requirements

- List of the requirements that the participant must meet; they should be able to complete the lab just from these requirements.

Project Steps

1. These are detailed project steps. They should help anyone who needs help with what to do where, but the point is not to provide by-rote instructions.
 - (a) Lists may be nested.
 - (b) Second nested list item.
2. Second outer list item.

```
// Code blocks may be inserted between items, but make sure the content
↳ starts at the left margin; this is a React component in TSX:

import React, { Component } from 'react';

interface MyComponentProps {
  color: string;
}

class MyComponent extends Component<MyComponentProps> {
  public render: ReactNode {
    return <div style="float: left;">content</div>;
  }
}
```

```
} }
```

3. Third outer list item.

Summary

Explain what was accomplished.

Congratulations, you have completed this lab!



Presenter Notes

Chapter 1 - [Chapter one title]

Any description to introduce how to teach this chapter.

- 1.1.1 Specific topic note.
- 1.1.2 Specific topic note.

Chapter N - [Chapter N title]

Any description to introduce how to teach this chapter.

- 2.1.1 Specific topic note.
- 2.1.2 Specific topic note.

Change Log

Chapter 1 - [Chapter one title]

Any description of major changes to the chapter.

- 1.1.1 Specific topic note.
- 1.1.2 Specific topic note.

Chapter N - [Chapter N title]

Any description to introduce how to teach this chapter.

- 2.1.1 Specific topic note.
- 2.1.2 Specific topic note.