

Angular

Table of Contents

About	1
Chapter 1: Getting started with Angular	2
Remarks	2
Versions	3
Examples	5
Installation of Angular using angular-cli	6
Prerequisites:	6
To setup a new project	6
To add to an existing project	6
Running The Project Locally	6
Generating Components, Directives, Pipes and Services	7
Angular "Hello World" Program	8
Prerequisites:	8
Step 1: Creating a new project	9
Step 2: Serving the application	10
Step 3: Editing our first Angular component	10
Chapter 2: Event Emitter	13
Examples	13
Catching the event	13
Chapter 3: For Loop	15
Examples	15
NgFor - Markup For Loop	15
Chapter 4: Forms	16
Examples	16
Reactive Forms	16
app.module.ts	16
app.component.ts	16
app.component.html	17
validators.ts	18

Template Driven Forms.....	18
Template - signup.component.html.....	18
Component - signup.component.ts.....	19
Model - signup-request.model.ts.....	19
App Module - app.module.ts.....	20
App Component - app.component.html.....	20
Chapter 5: Pipes.....	21
Introduction.....	21
Examples.....	21
Custom Pipes.....	21
Multiple custom pipes.....	22
Chapter 6: Routing.....	24
Examples.....	24
Routing with children.....	24
Basic Routing.....	25
Chapter 7: RXJS and Observables.....	28
Examples.....	28
Wait for multiple requests.....	28
Basic Request.....	28
Chapter 8: Sharing data among components.....	29
Introduction.....	29
Remarks.....	29
Examples.....	29
Sending data from parent component to child via shared service.....	29
Send data from parent component to child component via data binding using @Input.....	30
Sending data from child to parent via @Output event emitter.....	31
Sending data asynchronous from parent to child using Observable and Subject.....	32

