Source Code  
Section 6, Lecture 42

The downloadable project is in the resources folder.

As for the source itself, if you want to simply copy and paste them, they are presented below: 

/src/Components/AddPhoto:

1. import React, {Component} from 'react'
2. class AddPhoto extends Component {
3. constructor() {
4. super()
5. thisthis.handleSubmit = this.handleSubmit.bind(this)
6. }
7. handleSubmit(event) {
8. event.preventDefault();
9. const imageLink = event.target.elements.link.value
10. const description = event.target.elements.description.value
11. const post = {
12. id: Number(new Date()),
13. description: description,
14. imageLink: imageLink
15. }
16. if (description && imageLink){
17. this.props.onAddPhoto(post)
18. }
19. }
20. render() {
21. return (
22. **<div>**
23. **<h1>** Photowall **</h1>**
24. **<div** className="form"**>**
25. **<form** onSubmit={this.handleSubmit}**>**
26. **<input** type ="text" placeholder="Link" name="link"**/>**
27. **<input** type ="text" placeholder="Desciption" name="description"**/>**
28. **<button>** Post **</button>**
29. **</form>**
30. **</div>**
31. **</div>**
32. )
33. }
34. }
35. export default AddPhoto

/src/Components/Main:

1. import React, {Component} from 'react'
2. import Title from './Title'
3. import PhotoWall from './PhotoWall'
4. import AddPhoto from './AddPhoto'
5. import {Route} from 'react-router-dom'
6. class Main extends Component {
7. constructor() {
8. super()
9. this.state = {
10. posts: [{
11. id: 0,
12. description: "beautiful landscape",
13. imageLink: "https://image.jimcdn.com/app/cms/image/transf/none/path/sa6549607c78f5c11/image/i4eeacaa2dbf12d6d/version/1490299332/most-beautiful-landscapes-in-europe-lofoten-european-best-destinations-copyright-iakov-kalinin.jpg" +
14. "3919321\_1443393332\_n.jpg"
15. }, {
16. id: 1,
17. description: "Aliens???",
18. imageLink: "https://img.purch.com/rc/640x415/aHR0cDovL3d3dy5zcGFjZS5jb20vaW1hZ2VzL2kvMDAwLzA3Mi84NTEvb3JpZ2luYWwvc3BhY2V4LWlyaWRpdW00LWxhdW5jaC10YXJpcS1tYWxpay5qcGc=" +
19. "08323785\_735653395\_n.jpg"
20. }, {
21. id: 2,
22. description: "On a vacation!",
23. imageLink: "https://fm.cnbc.com/applications/cnbc.com/resources/img/editorial/2017/08/24/104670887-VacationExplainsTHUMBWEB.1910x1000.jpg"
24. }]
25. }
26. thisthis.removePhoto = this.removePhoto.bind(this)
27. }
28. removePhoto(postRemoved) {
29. console.log(postRemoved.description)
30. this.setState((state) =**>** ({
31. posts: state.posts.filter(post =**>** post !== postRemoved )
32. }))
33. }
34. addPhoto(postSubmitted) {
35. this.setState(state =**>** ({
36. posts: state.posts.concat([postSubmitted])
37. }))
38. }
39. componentDidMount() {
40. }
42. componentDidUpdate(prevProps, prevState) {
43. console.log(prevState.posts)
44. console.log(this.state)
45. }
46. render() {
47. console.log(this.state.posts)
48. return (
50. **<div>**
51. **<Route** exact path = "/" render={() =**>** (
52. **<div>**
53. **<Title** title={'Photowall'}**/>**
54. **<PhotoWall** posts={this.state.posts} onRemovePhoto={this.removePhoto} onNavigate = {this.navigate}**/>**
55. **</div>**
56. )}**/>**
57. **<Route** path= "/AddPhoto" render = {({history}) =**>** (
58. **<AddPhoto** onAddPhoto={(addedPost) =**>** {
59. this.addPhoto(addedPost)
60. history.push('/')
61. }}**/>**
62. )}**/>**
63. **</div>**
64. )
65. }
66. }
67. export default Main

/src/Components/Photo:

1. **<b>**import React from 'react';
2. import PropTypes from 'prop-types'
3. function Photo(props) {
4. const post = props.post
5. return **<figure** className="figure"**>**
6. **<img** className= "photo" src={post.imageLink} alt={post.description} **/>**
7. **<figcaption>** **<p>** {post.description} **</p>** **</figcaption>**
8. **<div** className = "button-container"**>**
9. **<button** onClick = {() =**>** {
10. props.onRemovePhoto(post)
11. }}**>** Remove **</button>**
12. **</div>**
13. **</figure>**
14. }
15. Photo.propTypes = {
16. post: PropTypes.object.isRequired,
17. onRemovePhoto: PropTypes.func.isRequired
18. }
19. export default Photo**</b>**

/src/Components/Photowall:

1. import React from 'react'
2. import Photo from './Photo'
3. import PropTypes from 'prop-types'
4. import {Link} from 'react-router-dom'
5. //anchor tag, href attribute
6. function PhotoWall(props) {
7. return **<div>**
8. **<Link** className = "addIcon" to="/AddPhoto"**>** **</Link>**
9. **<div** className="photoGrid" **>**
10. {props.posts
11. .sort(function(x,y) {
12. return y.id - x.id
13. })
14. .map((post, index) =**>** **<Photo** key={index} post={post} onRemovePhoto={props.onRemovePhoto}**/>**)}
15. **</div>**
16. **</div>**
17. }
18. PhotoWall.propTypes = {
19. posts: PropTypes.array.isRequired,
20. onRemovePhoto: PropTypes.func.isRequired
21. }
22. export default PhotoWall

/src/Components/Title:

1. import React from 'react'
2. function Title(props) {
3. return **<h1>** {props.title} **</h1>**
5. }
6. export default Title

/styles/stylesheet:

1. html {
2. font-size: 10px;
3. font-family: sans-serif;
4. }
5. p {
6. font-size: 1.6rem;
7. line-height: 1.5;
8. }
9. h1 {
10. font-family: billabong, 'billabongregular';
11. text-align: center;
12. font-weight: 100;
13. font-size: 13rem;
14. margin: 2rem 0;
15. letter-spacing: -1px;
16. color: black;
17. text-decoration: none;
18. }
19. h1 a {
20. color: black;
21. text-decoration: none;
22. }
23. h1 a:focus {
24. outline: 0;
25. }
26. @font-face {
27. font-family: 'billabongregular';
28. src: url("https://cdn.rawgit.com/milktronics/beaglegr.am/master/public/fonts/billabong-webfont.eot");
29. src: url("https://cdn.rawgit.com/milktronics/beaglegr.am/master/public/fonts/billabong-webfont.eot?#iefix") format('embedded-opentype'), url("https://cdn.rawgit.com/milktronics/beaglegr.am/master/public/fonts/billabong-webfont.woff") format('woff'), url("https://cdn.rawgit.com/milktronics/beaglegr.am/master/public/fonts/billabong-webfont.ttf") format('truetype'), url("https://cdn.rawgit.com/milktronics/beaglegr.am/master/public/fonts/billabong-webfont.svg#billabongregular") format('svg');
30. font-weight: normal;
31. font-style: normal;
32. }
33. body {
34. background: offwhite;
35. }
36. .photoGrid {
37. display: flex;
38. flex-wrap: wrap;
39. max-width: 1000px;
40. margin: 0 auto;
41. }
42. .figure {
43. flex-basis: calc(33.333% - 4rem);
44. border: 1px solid #d3d3d3;
45. padding: 2rem;
46. flex-grow: 1;
47. margin: 0 2rem 2rem 2rem;
48. }
49. .figure .single-photo {
50. flex-basis: calc(33.333% - 4rem);
51. flex-grow: 1;
52. flex-shrink: 0;
53. margin: 0 2rem 2rem 2rem;
54. padding: 2rem;
55. border: 1px solid #d3d3d3;
56. background: #fff;
57. position: relative;
58. }
59. .single-photo {
60. max-width: 1000px;
61. margin: 0 auto;
62. display: flex;
63. background: #fff;
64. border: black;
65. }
66. .single-photo .figure {
67. box-shadow: none;
68. margin: 0 2rem 0 0;
69. border: 0;
70. padding: 0;
71. flex: 1 0 60%;
72. max-width: 60%;
73. }
74. .single-photo .comments {
75. flex: 1 0 40%;
76. max-width: 40%;
77. }
78. .single-photo .photo {
79. width: 100%;
80. margin: 0;
81. }
82. .photo {
83. width: calc(100% + 4rem);
84. margin-left: -2rem;
85. margin-top: -2rem;
86. max-width: none;
87. }
88. .comment{
89. width: 100%
90. }
91. .comment p {
92. border-bottom: 1px solid #d3d3d3;
93. padding: 0.5rem 0;
94. }
95. .comment-form input,
96. .comment-form textarea {
97. width: 100%;
98. border: 0;
99. font-size: 1.3rem;
100. padding: 1rem 0;
101. border-bottom: 1px solid #d3d3d3;
102. outline: none;
103. resize: vertical;
104. }
105. .addIcon {
106. background: url("https://image.flaticon.com/icons/svg/60/60740.svg") center no-repeat;
107. background-size: contain;
108. padding: 40px;
109. display: table;
110. margin: 20px auto;
111. border: none;
112. }
113. .button-container {
114. margin: 0 auto;
115. display: flex;
116. align-items: center;
117. justify-content: center;
118. }
119. button, .button {
120. border: 2px solid #f2f2f2;
121. background: none;
122. flex-basis: 48%;
123. display: inline-block;
124. line-height: 2;
125. text-decoration: none;
126. padding: 5px;
127. text-align: center;
128. font-size: 15px;
129. color: red;
130. transition: all 0.2s;
131. box-sizing: padding-box;
133. }
134. button:hover,.button:hover, button:focus, .button:focus {
135. border-color: #00f;
136. outline: 0;
137. }
138. .speech-bubble {
139. background: url("https://d30y9cdsu7xlg0.cloudfront.net/png/51904-200.png") center no-repeat;
140. background-size: contain;
141. padding: 10px;
142. margin: 5px;
143. display: inline-block;
144. border: none;
145. position: relative;
146. }
147. .comment-count {
148. margin: 0 auto;
149. display: flex;
150. align-items: center;
151. justify-content: center;
152. color: black
153. }
154. .form {
155. width: 360px;
156. padding: 0 0 0;
157. margin: auto;
158. }
160. .form input {
161. font-family: sans-serif;
162. outline: 0;
163. background: #f2f2f2;
164. width: 100%;
165. border: 0;
166. margin: 0 0 15px;
167. padding: 15px;
168. box-sizing: border-box;
169. font-size: 14px;
170. }
171. .form button {
172. font-family: "Roboto", sans-serif;
173. text-transform: uppercase;
174. outline: 0;
175. background:#065784;
176. width: 100%;
177. border: 0;
178. padding: 15px;
179. color: #FFFFFF;
180. font-size: 14px;
181. -webkit-transition: all 0.3 ease;
182. transition: all 0.3 ease;
183. cursor: pointer;
184. }
185. .form button:hover,.form button:active,.form button:focus {
186. background: #7B8589;
187. }
188. .loader {
189. height: 20%;
190. width: 100%;
191. display: flex;
192. position: fixed;
193. align-items: center;
194. justify-content: center;
195. font-size: 28pt;
196. }

 src/index

1. import React from 'react'
2. import ReactDOM from 'react-dom'
3. import Main from './Components/Main'
4. import './styles/stylesheet.css'
5. import {BrowserRouter} from 'react-router-dom'
6. ReactDOM.render(**<BrowserRouter><Main/></BrowserRouter>**, document.getElementById('root'))

/index.html

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<meta** charset="utf-8"**>**
5. **<meta** name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no"**>**
6. **<meta** name="theme-color" content="#000000"**>**
7. <!--
8. manifest.json provides metadata used when your web app is added to the
9. homescreen on Android. See https://developers.google.com/web/fundamentals/engage-and-retain/web-app-manifest/
10. --**>**
11. **<link** rel="manifest" href="%PUBLIC\_URL%/manifest.json"**>**
12. **<link** rel="shortcut icon" href="%PUBLIC\_URL%/favicon.ico"**>**
13. <!--
14. Notice the use of %PUBLIC\_URL% in the tags above.
15. It will be replaced with the URL of the `public` folder during the build.
16. Only files inside the `public` folder can be referenced from the HTML.
17. Unlike "/favicon.ico" or "favicon.ico", "%PUBLIC\_URL%/favicon.ico" will
18. work correctly both with client-side routing and a non-root public URL.
19. Learn how to configure a non-root public URL by running `npm run build`.
20. --**>**
21. **<title>**React App**</title>**
22. **</head>**
23. **<body>**
24. **<noscript>**
25. You need to enable JavaScript to run this app.
26. **</noscript>**
27. **<div** id="root"**></div>**
28. <!--
29. This HTML file is a template.
30. If you open it directly in the browser, you will see an empty page.
31. You can add webfonts, meta tags, or analytics to this file.
32. The build step will place the bundled scripts into the **<body>** tag.
33. To begin the development, run `npm start` or `yarn start`.
34. To create a production bundle, use `npm run build` or `yarn build`.
35. --**>**
36. **</body>**
37. **</html>**

**/package.json (**Do not explicitly copy package.json code, use it as a reference only**)**

1. {
2. "name": "photowall",
3. "version": "0.1.0",
4. "private": true,
5. "dependencies": {
6. "prop-types": "^15.5.7",
7. "react": "^16.2.0",
8. "react-dom": "^16.2.0",
9. "react-scripts": "1.0.17"
10. },
11. "scripts": {
12. "start": "react-scripts start",
13. "build": "react-scripts build",
14. "test": "react-scripts test --env=jsdom",
15. "eject": "react-scripts eject"
16. }
17. }