

The step-by-step process involved in completing
this task documented

HTML

```
home.html - Visual Studio Code
home.html X programming.html languages.html blog.html contact.html about.html # mystyle.css # mystyle1.css JS blog.js JS ...
C:\Users\User\Desktop> project > home.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=1.0">
6 <title>Home</title>
7 <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css" integrity="sha384-TX8t2EcRE3e/1hU7zmQx"
8 <link rel="stylesheet" href="/mystyle1.css" />
9
10 </head>
11 <body>
12 <nav class="navbar navbar-light blue-grey lighten-5">
13 <a class="navbar-brand" href="home.html">Programming Blog</a>
14 <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarsExample03" aria-controls="navbarsExample03" aria
15 <span class="navbar-toggler-icon"></span>
16 </button>
17
18 <div class="collapse navbar-collapse" id="navbarsExample03">
19 <ul class="navbar-nav mr-auto">
20 <li class="nav-item active mx-4">
21 <a class="nav-link" href="home.html">Home<span class="sr-only">(current)</span></a>
22 </li>
23 <li class="nav-item mx-4">
24 <a class="nav-link" href="Programming.html">Computer Programming</a>
25 </li>
26 <li class="nav-item mx-4">
27 <a class="nav-link" href="languages.html">Programming Languages</a>
28 </li>
29 <li class="nav-item mx-4">
30 <a class="nav-link" href="blog.html">Blog</a>
31 </li>
32 <li class="nav-item mx-4">
33 <a class="nav-link" href="contact.html">Contact</a>
34 </li>
35 </ul>
36 </div>
37 </nav>
38
39 <div class="navbars">
40 <a href = "https://twitter.com">
41 <img src = "wt.jpeg" width = "35" height = "30"
42 alt = "twitter">
43 </a>
44 <a href = "https://www.instagram.com">
45 <img src = "w1.jpeg" width = "35" height = "30"
46 alt = "instagram">
47 </a>
48 <a href = "https://www.snapchat.com/">
49 <img src = "ws.jpeg" width = "35" height = "30"
50 alt = "snapchat">
51 </a>
52 <a href = "mailto:rawan0221@hotmail.com">
53 <img src = "wm.jpeg" width = "35" height = "30"
54 alt = "mail me">
55 </a>
56 </div>
57
58 </body>
59 </html>
```

```
home.html - Visual Studio Code
home.html X programming.html languages.html blog.html contact.html about.html # mystyle.css # mystyle1.css JS blog.js JS ...
C:\Users\User\Desktop> project > home.html > ...
28 </li>
29 <li class="nav-item mx-4">
30 <a class="nav-link" href="blog.html">Blog</a>
31 </li>
32 <li class="nav-item mx-4">
33 <a class="nav-link" href="contact.html">Contact</a>
34 </li>
35 <li class="nav-item mx-4">
36 <a class="nav-link" href="about.html">About</a>
37 </li>
38 </ul>
39 </div>
40 </nav>
41
42 <div class="navbars">
43 <a href = "https://twitter.com">
44 <img src = "wt.jpeg" width = "35" height = "30"
45 alt = "twitter">
46 </a>
47 <a href = "https://www.instagram.com">
48 <img src = "w1.jpeg" width = "35" height = "30"
49 alt = "instagram">
50 </a>
51 <a href = "https://www.snapchat.com/">
52 <img src = "ws.jpeg" width = "35" height = "30"
53 alt = "snapchat">
54 </a>
55 <a href = "mailto:rawan0221@hotmail.com">
56 <img src = "wm.jpeg" width = "35" height = "30"
57 alt = "mail me">
58 </a>
59 </div>
```

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home.html - Visual Studio Code
home.html x programming.html languages.html blog.html contact.html about.html mystyle.css mystyle1.css JS blog.js JS
C:\Users\User\Desktop> project > home.html > ...
56 <img src = "mm.jpeg" width = "35" height = "30"
57 alt = "mail me"
58 </a>
59 </div>
60
61 <main role="main">
62
63 <div class="jumbotron" style="background-color: #ffe6e6">
64 <div class="container">
65 <h1 class="display-3">Welcome to Programming Blog</h1>
66 <p>
67 A BLOG ABOUT PROGRAMMING NEWSLETTERS AND INFORMATIVE ARTICLES
68 </p>
69 <p><a class="btn btn-outline-secondary" href="blog.html" role="button">Visit Our Blog </a></p>
70 </div>
71 </div>
72
73 <div class="container">
74 <div class="col">
75 <div class="col-md-8">
76 <h2>Computer Programming</h2>
77 <p><a class="btn btn-outline-secondary" href="Programming.html" role="button">Read More </a></p>
78 </div>
79 <div class="col-md-8">
80 <h2>Programming Languages</h2>
81 <p><a class="btn btn-outline-secondary" href="languages.html" role="button">Read More </a></p>
82 </div>
83 </div>
84
85 <hr>
86
87 </div>
```

```
home.html - Visual Studio Code
home.html x programming.html languages.html blog.html contact.html about.html mystyle.css mystyle1.css JS blog.js JS
C:\Users\User\Desktop> project > home.html > ...
70 </div>
71 </div>
72
73 <div class="container">
74 <div class="col">
75 <div class="col-md-8">
76 <h2>Computer Programming</h2>
77 <p><a class="btn btn-outline-secondary" href="Programming.html" role="button">Read More </a></p>
78 </div>
79 <div class="col-md-8">
80 <h2>Programming Languages</h2>
81 <p><a class="btn btn-outline-secondary" href="languages.html" role="button">Read More </a></p>
82 </div>
83 </div>
84
85 <hr>
86
87 </div>
88
89 </main>
90
91
92
93
94 <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-DfXdz2htPH0lsSS5+NCtPuj/zy4C+OGpamoFVy38PVBnE+IbbVYUew+OnCKx"
95 <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ho+j7jyWK8fNQe+A12Hb8AhRq26LpZ/z"
96 </body>
97 </html>
```

```
programming.html - Visual Studio Code
home.html programming.html X languages.html blog.html contact.html about.html # mystyle.css # mystyle1.css JS blog.js JS ...
C:\Users\User\Desktop> project > programming.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=1.0">
6   <title>Computer Programming</title>
7   <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css" integrity="sha384-TX8t2EcRE3e/1hU7zmQx"
8   <link href="cover.css" rel="stylesheet">
9   <link rel="stylesheet" href="/mystyle1.css" />
10 </head>
11
12
13
14
15 <body>
16   <nav class="navbar navbar-light blue-grey lighten-5">
17     <a class="navbar-brand" href="home.html">Programming Blog</a>
18     <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarsExample03" aria-controls="navbarsExample03" aria
19     <span class="navbar-toggler-icon"></span>
20     </button>
21
22     <div class="collapse navbar-collapse" id="navbarsExample03">
23       <ul class="navbar-nav mr-auto">
24         <li class="nav-item mx-4">
25           <a class="nav-link" href="home.html">Home<span class="sr-only">(current)</span></a>
26         </li>
27         <li class="nav-item mx-4">
28           <a class="nav-link" href="Programming.html">Computer Programming</a>
29         </li>
30         <li class="nav-item mx-4">
31           <a class="nav-link" href="languages.html">Programming Languages</a>
32         </li>
33         <li class="nav-item mx-4">
```

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programming.html - Visual Studio Code
home.html programming.html X languages.html blog.html contact.html about.html # mystyle.css # mystyle1.css JS blog.js JS ...
C:\Users\User\Desktop> project > programming.html > ...
35 </li>
36 <li class="nav-item mx-4">
37   <a class="nav-link" href="contact.html">Contact</a>
38 </li>
39 <li class="nav-item active mx-4">
40   <a class="nav-link" href="about.html">About</a>
41 </li>
42 </ul>
43 </div>
44
45 </nav>
46
47 <div class="navbare">
48   <a href = "https://twitter.com">
49     <img src = "wt.jpeg" width = "35" height = "30"
50     alt = "twitter">
51   </a>
52   <a href = "https://www.instagram.com/">
53     <img src = "wi.jpeg" width = "35" height = "30"
54     alt = "instagram">
55   </a>
56   <a href = "https://www.snapchat.com/">
57     <img src = "ws.jpeg" width = "35" height = "30"
58     alt = "snapchat">
59   </a>
60   <a href = "mailto:rawan0221@hotmail.com">
61     <img src = "wm.jpeg" width = "35" height = "30"
62     alt = "mail me">
63   </a>
64 </div>
65 <br><br>
66 <div class="container mt-4">
67   <div class="jumbotron" style="background-color: #ffe6e6">
```

```
programming.html - Visual Studio Code
home.html programming.html X languages.html blog.html contact.html about.html # mystyle.css # mystyle1.css JS blog.js JS
C:\Users\User\Desktop\project> programming.html > ...
52 <img src = "ws.jpeg" width = "35" height = "30"
53 alt = "instagram">
54 </a>
55 <a href = "https://www.snapchat.com/">
56 <img src = "ws.jpeg" width = "35" height = "30"
57 alt = "snapchat">
58 </a>
59 <a href = "mailto:rawan0221@hotmail.com">
60 <img src = "um.jpeg" width = "35" height = "30"
61 alt = "mail me">
62 </a>
63 </div>
64 <br><br>
65 <div class="container mt-4">
66 <div class="jumbotron" style="background-color: #ffe6e6">
67 <div class="container">
68 <h1 class="display-4 font-italic">Computer Programming</h1>
69 <p class="lead my-3">Computer programming is the process of designing and building an executable computer program to accomplish a s
70 Tasks accompanying and related to programming include: testing, debugging, source code maintenance, implementation of build systems, and managem
71 </div>
72 </div>
73 </div>
74
75
76
77 <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-DfXdz2htPH0lsSS55nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrcXa
78 <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ho+j7jyMK8fNQE+A12Hb8AhRq26LrZ/3
79 </body>
80 </html>
```

```
languages.html - Visual Studio Code
home.html programming.html X languages.html blog.html contact.html about.html # mystyle.css # mystyle1.css JS blog.js JS
C:\Users\User\Desktop\project> languages.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=1.0">
6 <title>Programming Languages</title>
7 <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css" integrity="sha384-TX0t27EcRE3e/1hU7zmQx
8 <link href="cover.css" rel="stylesheet">
9 <link rel="stylesheet" href="/mystyle1.css" />
10
11 </head>
12
13
14
15 <body>
16 <nav class="navbar navbar-light blue-grey lighten-5">
17 <a class="navbar-brand" href="home.html">Programming Blog</a>
18 <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarsExample03" aria-controls="navbarsExample03" aria
19 <span class="navbar-toggler-icon"></span>
20 </button>
21
22 <div class="collapse navbar-collapse" id="navbarsExample03">
23 <ul class="navbar-nav mr-auto">
24 <li class="nav-item mx-4">
25 <a class="nav-link" href="home.html">Home<span class="sr-only">(current)</span></a>
26 </li>
27 <li class="nav-item mx-4">
28 <a class="nav-link" href="Programming.html">Computer Programming</a>
29 </li>
30 <li class="nav-item mx-4">
31 <a class="nav-link" href="languages.html">Programming Languages</a>
32 </li>
33 <li class="nav-item mx-4">
```

```
languages.html - Visual Studio Code
home.html programming.html languages.html x blog.html contact.html about.html # mystyle.css # mystyle1.css JS blog.js JS t JS ...
C:\Users\User\Desktop\project> languages.html > ...
34 <a class="nav-link" href="blog.html">Blog</a>
35 </li>
36 <li class="nav-item mx-4">
37 <a class="nav-link" href="contact.html">Contact</a>
38 </li>
39 <li class="nav-item active mx-4">
40 <a class="nav-link" href="about.html">About</a>
41 </li>
42 </ul>
43 </div>
44 </nav>
45 <div class="navbarr">
46 <a href = "https://twitter.com">
47 <img src = "w1.jpeg" width = "35" height = "30"
48 alt = "twitter">
49 </a>
50 <a href = "https://www.instagram.com">
51 <img src = "w1.jpeg" width = "35" height = "30"
52 alt = "instagram">
53 </a>
54 <a href = "https://www.snapchat.com/">
55 <img src = "w1.jpeg" width = "35" height = "30"
56 alt = "snapchat">
57 </a>
58 <a href = "mailto:rawan0221@hotmail.com">
59 <img src = "w1.jpeg" width = "35" height = "30"
60 alt = "mail me">
61 </a>
62 </div>
63 <br><br>
64 <div class="container mt-4">
```

```
languages.html - Visual Studio Code
home.html programming.html languages.html x blog.html contact.html about.html # mystyle.css # mystyle1.css JS blog.js JS t JS ...
C:\Users\User\Desktop\project> languages.html > ...
60 <img src = "w1.jpeg" width = "35" height = "30"
61 alt = "mail me">
62 </div>
63 <br><br>
64 <div class="container mt-4">
65 <div class="jumbotron" style="background-color: #ffe6e6">
66 <div class="container">
67 <h1 class="display-4 font-italic">Programming Languages</h1>
68 <p class="lead my-3">programming languages are the tools we use to write instructions for computers to follow. Computers "think" in
69 [Programming languages fall into two different classifications - low-level and high-level]</p>
70 </div>
71 </div>
72 </div>
73
74
75
76 <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-DfXdz2htPH0lsSS55nCTpuj/zy4C+OGpamoFVy38PVBnE+IbbVYUew+OrcXa
77 <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ho+j7jyNM8fMQe+A12Hb8AhRqZ6LrZ/0
78 </body>
79 </html>
```

```
blog.html - Visual Studio Code
home.html programming.html languages.html blog.html x contact.html about.html # mystyle.css # mystyle1.css JS blog.js JS ...
C:\Users\User\Desktop\project > blog.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=1.0">
6   <title>Blog</title>
7   <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css" integrity="sha384-TX8t27EcRE3e/1hU7zmQx"
8   <link rel="stylesheet" href="mystyle1.css" />
9
10 </head>
11 <body>
12   <nav class="navbar navbar-light blue-grey lighten-5">
13     <a class="navbar-brand" href="home.html">Programming Blogs</a>
14     <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarsExample03" aria-controls="navbarsExample03" aria
15     <span class="navbar-toggler-icon"></span>
16   </button>
17
18   <div class="collapse navbar-collapse" id="navbarsExample03">
19     <ul class="navbar-nav mr-auto">
20       <li class="nav-item mx-4">
21         <a class="nav-link" href="home.html">Home<span class="sr-only">(current)</span></a>
22       </li>
23       <li class="nav-item mx-4">
24         <a class="nav-link" href="Programming.html">Computer Programming</a>
25       </li>
26       <li class="nav-item mx-4">
27         <a class="nav-link" href="languages.html">Programming Languages</a>
28       </li>
29       <li class="nav-item active nav-item mx-4">
30         <a class="nav-link" href="blog.html">Blog</a>
31       </li>
32       <li class="nav-item mx-4">
33         <a class="nav-link" href="contact.html">Contact</a>
34       </li>
35     </ul>
36   </div>
37 </nav>
38 <br>
39 <div class="navbarr">
40   <a href = "https://twitter.com">
41     <img src = "wt.jpeg" width = "35" height = "30"
42     alt = "twitter">
43   </a>
44   <a href = "https://www.instagram.com">
45     <img src = "wi.jpeg" width = "35" height = "30"
46     alt = "instagram">
47   </a>
48   <a href = "https://www.snapchat.com/">
49     <img src = "ws.jpeg" width = "35" height = "30"
50     alt = "snapchat">
51   </a>
52   <a href = "mailto:rawan0221@hotmail.com">
53     <img src = "wm.jpeg" width = "35" height = "30"
54     alt = "mail me">
55   </a>
56 </div>
```

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blog.html - Visual Studio Code
home.html programming.html languages.html blog.html x contact.html about.html # mystyle.css # mystyle1.css JS blog.js JS ...
C:\Users\User\Desktop\project > blog.html > ...
29 <li class="nav-item active nav-item mx-4">
30   <a class="nav-link" href="blog.html">Blog</a>
31 </li>
32 <li class="nav-item mx-4">
33   <a class="nav-link" href="contact.html">Contact</a>
34 </li>
35 <li class="nav-item mx-4">
36   <a class="nav-link" href="about.html">About</a>
37 </li>
38 </ul>
39 </div>
40 </nav>
41 <br>
42 <div class="navbarr">
43   <a href = "https://twitter.com">
44     <img src = "wt.jpeg" width = "35" height = "30"
45     alt = "twitter">
46   </a>
47   <a href = "https://www.instagram.com">
48     <img src = "wi.jpeg" width = "35" height = "30"
49     alt = "instagram">
50   </a>
51   <a href = "https://www.snapchat.com/">
52     <img src = "ws.jpeg" width = "35" height = "30"
53     alt = "snapchat">
54   </a>
55   <a href = "mailto:rawan0221@hotmail.com">
56     <img src = "wm.jpeg" width = "35" height = "30"
57     alt = "mail me">
58   </a>
59 </div>
60
```



```
blog.html - Visual Studio Code
C:\Users\User\Desktop\project> blog.html ...
62 <div class="container mt-4">
63 <div class="jumbotron" style="background-color: #ffe6e6">
64 <div class="container">
65 <h1 class="display-4 font-italic">Welcome</h1>
66 <p class="lead my-3">here you can see posts and write your posts to share your expertise</p>
67 </div>
68 </div>
69
70 <div class="container px-0" style="background-color: #ffe6e6">
71 <div class="card" style="background-color: #ffe6e6">
72 <div class="card-body">
73 <h4>Start writing your posts</h4>
74 <div class="form-group">
75 <label for="titleInput">Title</label>
76 <input type="text" class="form-control" id="titleInput" placeholder="Enter a Title">
77 </div>
78 <div id="titleErr" class="alert alert-danger" style="display:none" role="alert">Please add a title to your post</div>
79
80 <div class="form-group">
81 <label for="titleInput">Name</label>
82 <input type="text" class="form-control" id="nameInput" placeholder="Enter your Name">
83 </div>
84 <div id="nameErr" class="alert alert-danger" style="display:none" role="alert">Please add your Name</div>
85
86 <div class="form-group">
87 <label for="textInput">Text</label>
88 <textarea rows="4" class="form-control" id="textInput" placeholder="Enter text"></textarea>
89 </div>
90 <div id="textErr" class="alert alert-danger" style="display:none" role="alert">Please add some text to your post</div>
91 <button id="blogSubmit" onclick="blogSubmit()" class="btn btn-outline-secondary">Submit</button>
92 </div>
93 </div>
```

```
blog.html - Visual Studio Code
C:\Users\User\Desktop\project> blog.html ...
92 </div>
93 </div>
94
95 <br>
96 <div id="blogPosts">
97 <br>
98
99
100
101 <div class="singlePost">
102 <br>
103 <div class="card">
104 <div class="card-body">
105 <div class="row title-row">
106 <div class="col-8"><h1 class="blogTitle">Programming is fun</h1></div>
107 <div class="col-2"></div>
108 <div class="col-2"><button onclick="blogEditToggle(this)" class="btn btn-outline-warning">Edit</button> <button onclick="blogDe
109 </div>
110
111 <i class="text-muted">by Rawan</i><br><br>
112 <p class="blogText">Using Programming, you can create your own games, your personal blog/profile page, a social networking site lik
113
114
115
116
117 <div class="editForm" style="display:none">
118 <h4>Edit this blog post</h4>
119 <div class="form-group">
120 <label>Title</label>
121 <input type="text" class="form-control" placeholder="Enter a Title" value="{Title}">
122 </div>
123 </div>
```

```
blog.html - Visual Studio Code
C:\Users\User\Desktop\project> blog.html
116
117
118 <div class="editForm" style="display:none">
119 <h4>Edit this blog post</h4>
120 <div class="form-group">
121 <label>Title</label>
122 <input type="text" class="form-control" placeholder="Enter a Title" value="{Title}">
123 </div>
124
125 <div class="form-group">
126 <label>Text</label>
127 <textarea rows="4" class="form-control" id="textInput" placeholder="Enter text">{Text}</textarea>
128 </div>
129
130 <button onclick="blogEdit(this)" class="btn btn-outline-secondary">Submit</button>
131 </div>
132 </div>
133 </div>
134
135
136 <div class="singlePost">
137 <br>
138 <div class="card">
139 <div class="card-body">
140 <div class="row title-row">
141 <div class="col-8"><h1 class="blogTitle">Pretty good salary</h1></div>
142 <div class="col-2"></div>
143 <div class="col-2"><button onclick="blogEditToggle(this)" class="btn btn-outline-warning">Edit</button> <button onclick="blogDele
144 </div>
145
146 <i class="text-muted">by Rawan</i><br/><br/>
147 <p class="blogText">Computer Programmers are paid extremely well almost all across the world.</p>
148
```

```
blog.html - Visual Studio Code
C:\Users\User\Desktop\project> blog.html > html > body > div.container.mt-4
142 <div class="col-2"></div>
143 <div class="col-2"><button onclick="blogEditToggle(this)" class="btn btn-outline-warning">Edit</button> <button onclick="blogDele
144 </div>
145
146 <i class="text-muted">by Rawan</i><br/><br/>
147 <p class="blogText">Computer Programmers are paid extremely well almost all across the world.</p>
148
149
150
151
152 <div class="editForm" style="display:none">
153 <h4>Edit this blog post</h4>
154 <div class="form-group">
155 <label>Title</label>
156 <input type="text" class="form-control" placeholder="Enter a Title" value="{Title}">
157 </div>
158
159 <div class="form-group">
160 <label>Text</label>
161 <textarea rows="4" class="form-control" id="textInput" placeholder="Enter text">{Text}</textarea>
162 </div>
163
164 <button onclick="blogEdit(this)" class="btn btn-outline-secondary">Submit</button>
165 </div>
166 </div>
167 </div>
168 </div>
169
170
171
172 </div>
173
174 </div>
```

blog.html - Visual Studio Code

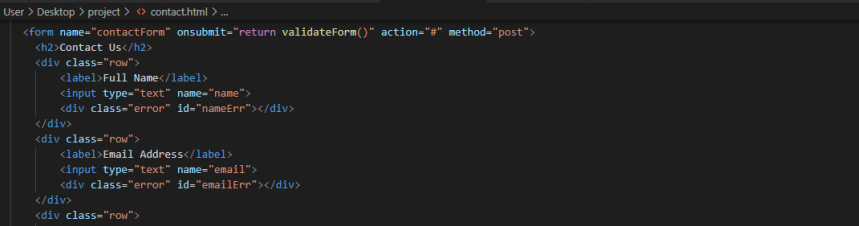
```
169 </div>
170
171
172 </div>
173
174 </div>
175 <br/><br/><br/><br/>
176 </div>
177
178
179
180
181 <script src="./blog.js"></script>
182 <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-Dfxdz2htPH01s5S55nCTpuj/zy4C+OGpamoFVy38PVBnE+IbbVYUew+OrCXa
183 <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ho+j7jyWK8fMQe+A12Hb8AhRqZ6LrPZ/J
184 </body>
185 </html>
```

Ln 176, Col 13 Spaces: 4 UTF-8 CRLF HTML

contact.html - Visual Studio Code

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <meta name="viewport" content="width=device-width, initial-scale=1.0">
6 <title>Contact</title>
7 <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css" integrity="sha384-TX8t27EcRE3e/ihU7zmQx
8 <link rel="stylesheet" href="./mystyle.css" />
9 <link rel="stylesheet" href="./mystyle1.css" />
10 </head>
11 <body>
12 <nav class="navbar navbar-light blue-grey lighten-5">
13 <a class="navbar-brand" href="home.html">Programming Blog</a>
14 <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarsExample03" aria-controls="navbarsExample03" aria
15 <span class="navbar-toggler-icon"></span>
16 </button>
17
18 <div class="collapse navbar-collapse" id="navbarsExample03">
19 <ul class="navbar-nav mr-auto">
20 <li class="nav-item mx-4">
21 <a class="nav-link" href="home.html">Home<span class="sr-only">(current)</span></a>
22 </li>
23 <li class="nav-item mx-4">
24 <a class="nav-link" href="Programming.html">Computer Programming</a>
25 </li>
26 <li class="nav-item mx-4">
27 <a class="nav-link" href="languages.html">Programming Languages</a>
28 </li>
29 <li class="nav-item mx-4">
30 <a class="nav-link" href="blog.html">Blog</a>
31 </li>
32 <li class="nav-item active mx-4">
33 <a class="nav-link" href="contact.html">Contact</a>
```

Ln 1, Col 16 Spaces: 4 UTF-8 CRLF HTML



The screenshot shows the Visual Studio Code editor with the file 'contact.html' open. The code is an HTML form with the following structure:

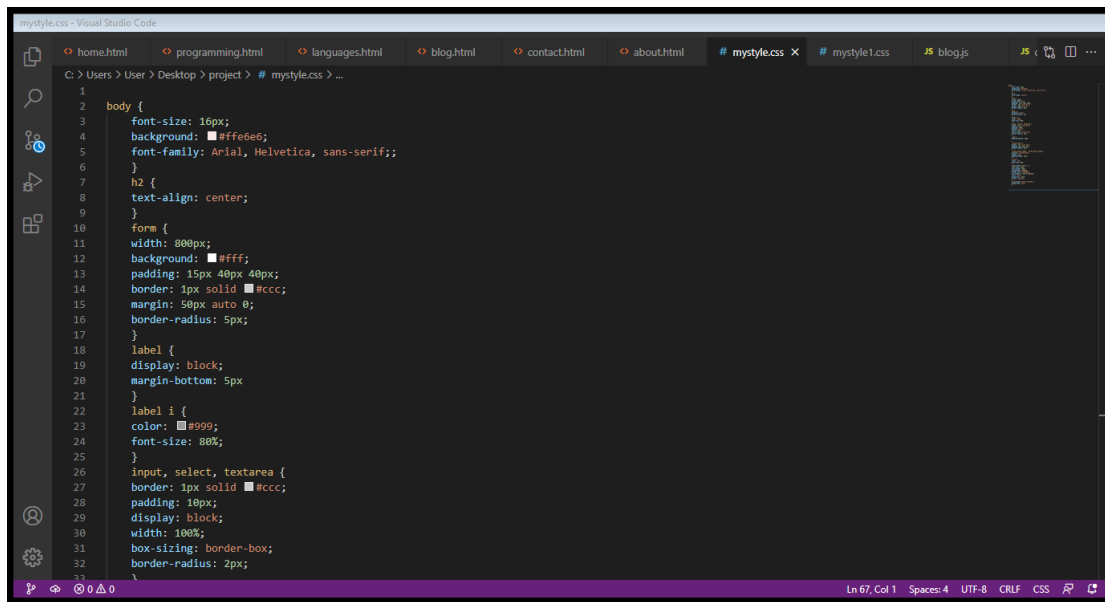
```
<form name="contactForm" onsubmit="return validateForm()" action="#" method="post">
  <h2>Contact Us</h2>
  <div class="row">
    <label>Full Name</label>
    <input type="text" name="name">
    <div class="error" id="nameErr"></div>
  </div>
  <div class="row">
    <label>Email Address</label>
    <input type="text" name="email">
    <div class="error" id="emailErr"></div>
  </div>
  <div class="row">
    <label>Mobile Number</label>
    <input type="text" name="mobile" maxlength="10">
    <div class="error" id="mobileErr"></div>
  </div>
  <div class="row">
    <label>Country</label>
    <select name="country">
      <option>Select</option>
      <option>SAUDI ARABIA</option>
      <option>INDIA</option>
      <option>USA</option>
      <option>CHINA</option>
    </select>
    <div class="error" id="countryErr"></div>
  </div>
  <div class="row">
    <label>Message</label>
    <textarea name="message"></textarea>
  </div>
```

The status bar at the bottom indicates the file is at line 1, column 16, with 4 spaces, UTF-8 encoding, and CR/LF line endings.

```
contact.html - Visual Studio Code
home.html programming.html languages.html blog.html contact.html x about.html # mystyle.css # mystyle1.css JS blog.js JS ...
C:\Users\User\Desktop\project> contact.html > ...
89     <div class="error" id="countryErr"></div>
90 </div>
91
92     <div class="row">
93       <label Message/>
94       <textarea name="message"></textarea>
95       <div class="error" id="messageErr"></div>
96     </div>
97
98     <div class="row">
99       <input type="submit" value="Submit">
100     </div>
101 </form>
102
103 <script src="./contact.js"></script>
104 <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-DfXdz2htPH0lsSS55nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrcXa
105 <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ho+j7jyMK8fNQE+A12Hb8AhRq26Lr2/3
106 </body>
107 </html>
```

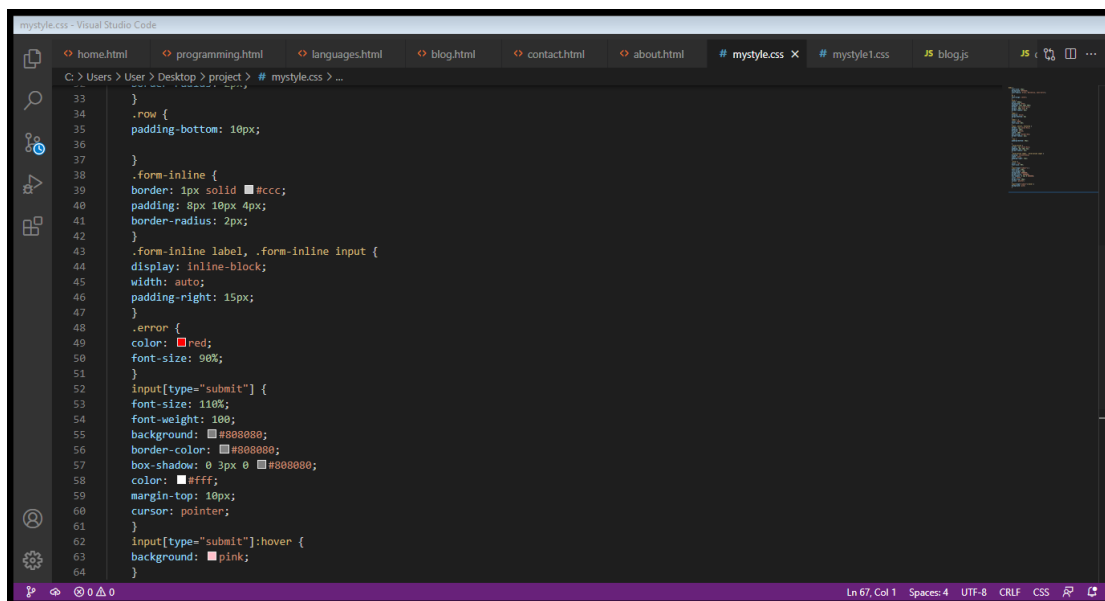
```
about.html - Visual Studio Code
home.html programming.html languages.html blog.html contact.html about.html x # mystyle.css # mystyle1.css JS blog.js JS ...
C:\Users\User\Desktop\project> about.html > ...
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>About</title>
7   <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css" integrity="sha384-TX8t2EcRE3e/1hU7zmqX
8   <link href="cover.css" rel="stylesheet">
9   <link rel="stylesheet" href="./mystyle1.css" />
10 </head>
11
12
13
14
15 <body>
16   <nav class="navbar navbar-light blue-grey lighten-5">
17     <a class="navbar-brand" href="home.html">Programming Blog</a>
18     <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarsExample03" aria-controls="navbarsExample03" aria
19     <span class="navbar-toggler-icon"></span>
20   </button>
21
22   <div class="collapse navbar-collapse" id="navbarsExample03">
23     <ul class="navbar-nav mr-auto">
24       <li class="nav-item mx-4">
25         <a class="nav-link" href="home.html">Home<span class="sr-only">(current)</span></a>
26       </li>
27       <li class="nav-item mx-4">
28         <a class="nav-link" href="Programming.html">Computer Programming</a>
29       </li>
30       <li class="nav-item mx-4">
31         <a class="nav-link" href="languages.html">Programming Languages</a>
32       </li>
33     </ul>
34   </div>
```


CSS



```
mystyle.css - Visual Studio Code
C:\Users\User\Desktop\project> # mystyle.css > ...
1
2  body {
3    font-size: 16px;
4    background: #ffe6e6;
5    font-family: Arial, Helvetica, sans-serif;;
6  }
7  h2 {
8    text-align: center;
9  }
10 form {
11   width: 800px;
12   background: #ffff;
13   padding: 15px 40px 40px;
14   border: 1px solid #ccc;
15   margin: 50px auto 0;
16   border-radius: 5px;
17 }
18 label {
19   display: block;
20   margin-bottom: 5px
21 }
22 label i {
23   color: #999;
24   font-size: 80%;
25 }
26 input, select, textarea {
27   border: 1px solid #ccc;
28   padding: 10px;
29   display: block;
30   width: 100%;
31   box-sizing: border-box;
32   border-radius: 2px;
33 }
```

Ln 67, Col 1 Spaces: 4 UTF-8 CRLF CSS



```
mystyle.css - Visual Studio Code
C:\Users\User\Desktop\project> # mystyle.css > ...
33 }
34 .row {
35   padding-bottom: 10px;
36 }
37
38 .form-inline {
39   border: 1px solid #ccc;
40   padding: 8px 10px 4px;
41   border-radius: 2px;
42 }
43 .form-inline label, .form-inline input {
44   display: inline-block;
45   width: auto;
46   padding-right: 15px;
47 }
48 .error {
49   color: red;
50   font-size: 90%;
51 }
52 input[type="submit"] {
53   font-size: 110%;
54   font-weight: 100;
55   background: #808080;
56   border-color: #808080;
57   box-shadow: 0 3px 0 #808080;
58   color: #fff;
59   margin-top: 10px;
60   cursor: pointer;
61 }
62 input[type="submit"]:hover {
63   background: #pink;
64 }
```

Ln 67, Col 1 Spaces: 4 UTF-8 CRLF CSS


```
mystyle1.css - Visual Studio Code
home.html programming.html languages.html blog.html contact.html about.html # mystyle.css # mystyle1.css x JS blog.js JS i JS ...
C:\Users\User\Desktop\project> # mystyle1.css > ...
2  .icons img {
3    width:50;
4    height:50;
5  }
6
7  .navbarr {
8    overFlow: hidden;
9    background-color: #000000;
10   justify-content: space-between;
11 }
12
13
14 .navbarr a {
15   float: left;
16   display: inline-block;
17   color: white;
18   text-align: center;
19   padding: 20px 20px;
20   text-decoration: none;
21 }
22
23
24 .navbarr a.right {
25   float: right;
26 }
27
28
29 .navbarr a:hover, .dropdown:hover .dropbtn {
30   background-color: #FFFFFF;
31 }
```

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF CSS

JAVASCRIPT

The screenshot shows the Visual Studio Code editor with a file named `blog.js` open. The code is as follows:

```

61     <textarea rows="4" class="form-control" id="textInput" placeholder="Enter text">${text}</textarea>
62   </div>
63
64   <button onclick="blogEdit(this)" class="btn btn-outline-secondary">Submit</button>
65 </div>
66 </div>
67 </div>
68 </div>
69
70
71 var element = createElementFromHTML(blogInnerHTML);
72 parentNode.prepend(element);
73 }
74 }
75
76 function blogDelete(blogElement) {
77   blogElement.parentElement.parentElement.parentElement.remove();
78 }
79
80 function blogEditToggle(blogElement) {
81   var curTitle = blogElement.parentElement.parentElement.getElementsByTagName("div")[0].getElementsByClassName("blogTitle")[0].innerHTML;
82   var curText = blogElement.parentElement.parentElement.parentElement.getElementsByTagName("blogText")[0].innerHTML;
83   var editForm = blogElement.parentElement.parentElement.parentElement.getElementsByClassName("editForm")[0];
84   var editFormTitle = editForm.getElementsByTagName("div")[0].getElementsByTagName("input")[0];
85   var editFormText = editForm.getElementsByTagName("div")[1].getElementsByTagName("textarea")[0];
86   if (editForm.style.display=="none") {
87     editForm.style.display="block";
88     editFormTitle.value = curTitle;
89     editFormText.value = curText;
90   } else {
91     editForm.style.display="none";
92   }

```

The status bar at the bottom indicates the current position is Line 1, Column 45, with 4 spaces, UTF-8 encoding, CRLF line endings, and the JavaScript language mode.

Visual Studio Code interface showing a JavaScript file named `blog.js`. The code defines a `createElementFromHTML` function and a `blogEdit` function. The `createElementFromHTML` function takes a `title` and `text` as arguments and returns a string of HTML for a form. The `blogEdit` function takes a `blogElement` as an argument and returns the updated HTML string after editing the title and text.

```

1  <div> Users > User > Desktop > project > blogjs > createElementFromHTML
2  var curText = blogElement.parentElement.parentElement.parentElement.getElementsByClassName("blogText")[0].innerHTML;
3  var editForm = blogElement.parentElement.parentElement.parentElement.getElementsByClassName("editForm")[0];
4  var editFormTitle = editForm.getElementsByClassName("div")[0].getElementsByName("input")[0];
5  var editFormText = editForm.getElementsByClassName("div")[1].getElementsByName("textarea")[0];
6  if (editForm.style.display=="none") {
7      editForm.style.display="block";
8      editFormTitle.value = curTitle;
9      editFormText.value = curText;
10 } else {
11     editForm.style.display="none";
12 }
13 }
14
15 function blogEdit(blogElement) {
16     var titleElement = blogElement.parentElement.parentElement.getElementsByClassName("div")[0].getElementsByName("h1")[0];
17     var textElement = blogElement.parentElement.parentElement.getElementsByClassName("p")[0];
18     var editForm = blogElement.parentElement;
19     var newTitleElement = blogElement.parentElement.getElementsByClassName("div")[0].getElementsByName("input")[0];
20     var newTextElement = blogElement.parentElement.getElementsByClassName("div")[1].getElementsByName("textarea")[0]
21
22     if (newTitleElement.value == "" || newTextElement.value == "") {
23         alert("Please enter title and text for your edit.");
24     } else {
25         titleElement.innerHTML = newTitleElement.value;
26         textElement.innerHTML = newTextElement.value;
27
28         editForm.style.display = "none";
29     }
30 }
31
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```

```
contact.js - Visual Studio Code
C:\Users\User\Desktop\project> JS contact.js > validateForm
1 function printError(element, msg) {
2     document.getElementById(element).innerHTML = msg;
3 }
4
5 function validateError(inputValue, validationRegex, inputString, errorElementName) {
6     if (inputValue == "") {
7         printError(errorElementName, "Please enter your ${inputString}");
8     } else {
9         var regex = validationRegex;
10        if (regex.test(inputValue) === false) {
11            printError(errorElementName, "Please enter a valid ${inputString}");
12        } else {
13            printError(errorElementName, "");
14            return false;
15        }
16    }
17    return true;
18 }
19
20
21 function validateForm() {
22     var name = document.contactForm.name.value;
23     var email = document.contactForm.email.value;
24     var mobile = document.contactForm.mobile.value;
25     var country = document.contactForm.country.value;
26     var message = document.contactForm.message.value;
27
28     var nameErr=emailErr=mobileErr=countryErr=genderErr=messageErr=true;
29
30     nameErr = validateError(name, /^[a-zA-z]{5}/, "name", "nameErr");
31     emailErr = validateError(email, /^[S+@S+\.S+$/ , "email", "emailErr");
32     mobileErr = validateError(mobile, /^[0-9]{5}/, "mobile number", "mobileErr");
33     countryErr = validateError(country, /^(?!(Select)).*$/ , "country", "countryErr");
34 }
```

```
contact.js - Visual Studio Code
C:\Users\User\Desktop\project> JS contact.js > validateForm
14     }
15     }
16 }
17
18 return true;
19 }
20
21 function validateForm() {
22     var name = document.contactForm.name.value;
23     var email = document.contactForm.email.value;
24     var mobile = document.contactForm.mobile.value;
25     var country = document.contactForm.country.value;
26     var message = document.contactForm.message.value;
27
28     var nameErr=emailErr=mobileErr=countryErr=genderErr=messageErr=true;
29
30     nameErr = validateError(name, /^[a-zA-z]{5}/, "name", "nameErr");
31     emailErr = validateError(email, /^[S+@S+\.S+$/ , "email", "emailErr");
32     mobileErr = validateError(mobile, /^[0-9]{5}/, "mobile number", "mobileErr");
33     countryErr = validateError(country, /^(?!(Select)).*$/ , "country", "countryErr");
34     messageErr = validateError(message, /^[S+/, "message", "messageErr");
35     if (nameErr || emailErr || mobileErr || countryErr || messageErr) {
36         return false;
37     } else {
38         alert('You have submitted the form');
39     }
40 }
```

OUTPUT

