

Challenges #11: How Tos

A. Modal images

HTML

```
366 <h2> Gallery</h2>
367 <div id="gallery">
368   
369   
370   
371   
372   
373   
374 </div>
375
376 <div id="myModal" class="modal">
377   <span class="close">&times;</span>
378   <img class="modal-content" id="img01">
379 </div>
```

CSS

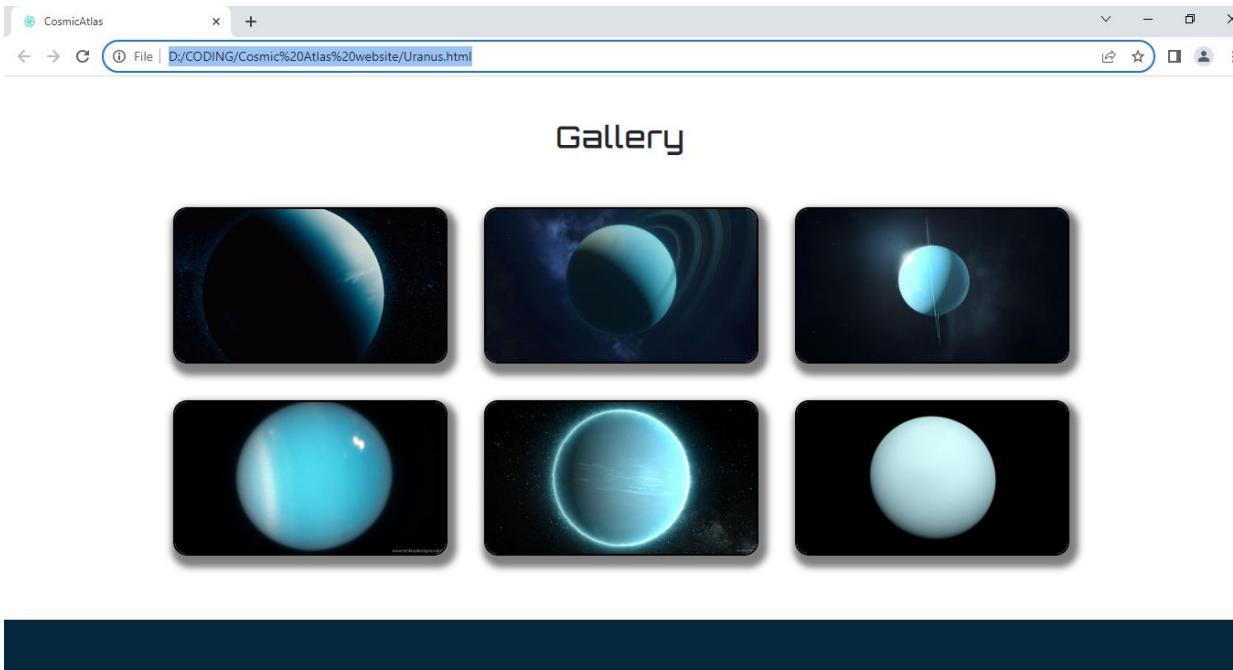
```
142 #gallery{
143   display: flex;
144   justify-content: center;
145   align-items: center;
146   flex-wrap: wrap;
147   border-radius: 5px;
148 }
149
150
151 .modal {
152   display: none;
153   position: fixed;
154   z-index: 1;
155   padding-top: 100px;
156   left: 0;
157   top: 0;
158   width: 100%;
159   height: 100%;
160   overflow: auto;
161   background-color: rgba(0,0,0);
162   background-color: rgba(0,0,0,0.9);
163 }
164
165 .modal-content {
166   margin: auto;
167   display: block;
168   width: 80%;
169   max-width: 700px;
170 }
171
172 .close {
173   position: absolute;
174   top: 15px;
175   right: 35px;
176   color: #fff;
177   font-size: 40px;
178   font-weight: bold;
179   transition: 0.3s;
180 }
181
182 .close:hover,
183 .close:focus {
184   color: #bbb;
185   text-decoration: none;
186   cursor: pointer;
187 }
188
189
190 @media only screen and (max-width: 700px){
191   .modal-content {
192     width: 100%;
193   }
194 }
195
196 @keyframes zoom {
197   from {transform:scale(0)}
198   to {transform:scale(1)}
199 }
200
201 #gallery img {
202   margin: 20px;
203   border: 2px solid black;
204   border-radius: 15px;
205   box-shadow: 4px 7px 7px 0px gray;
206   transition: 400ms;
207   cursor: pointer;
208 }
209
210 #gallery img:hover{
211   transform: scale(1.03);
212 }
```

JAVASCRIPT

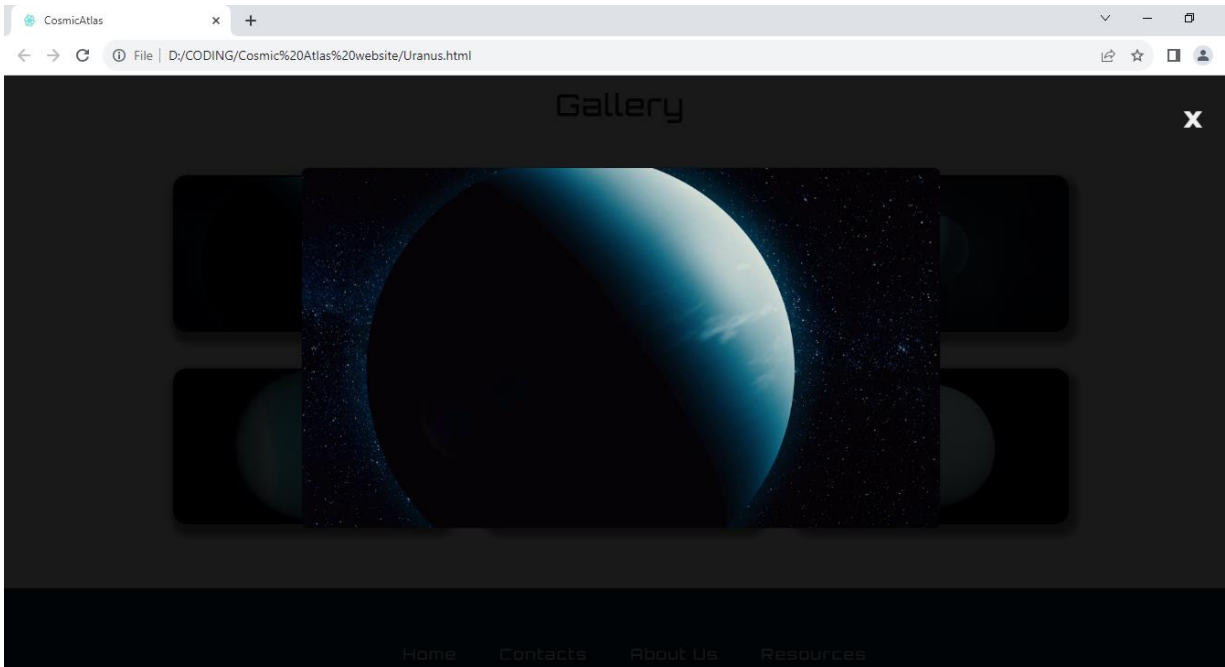
```
374 <script>
375
376 var modal = document.getElementById("myModal");
377 var i;
378
379 var img = document.getElementsByClassName ("images");
380 var modalImg = document.getElementById("img01");
381
382 for(i=0;i< img.length;i++)
383 {
384   img[i].onclick = function(){
385
386     modal.style.display = "block";
387     modalImg.src = this.src;
388   }
389 }
390
391
392 var span = document.getElementsByClassName("close")[0];
393
394
395 span.onclick = function() {
396   modal.style.display = "none";
397 }
398
399 </script>
```

Rendered as:

Rendered as:



Active Modal



B. About Page

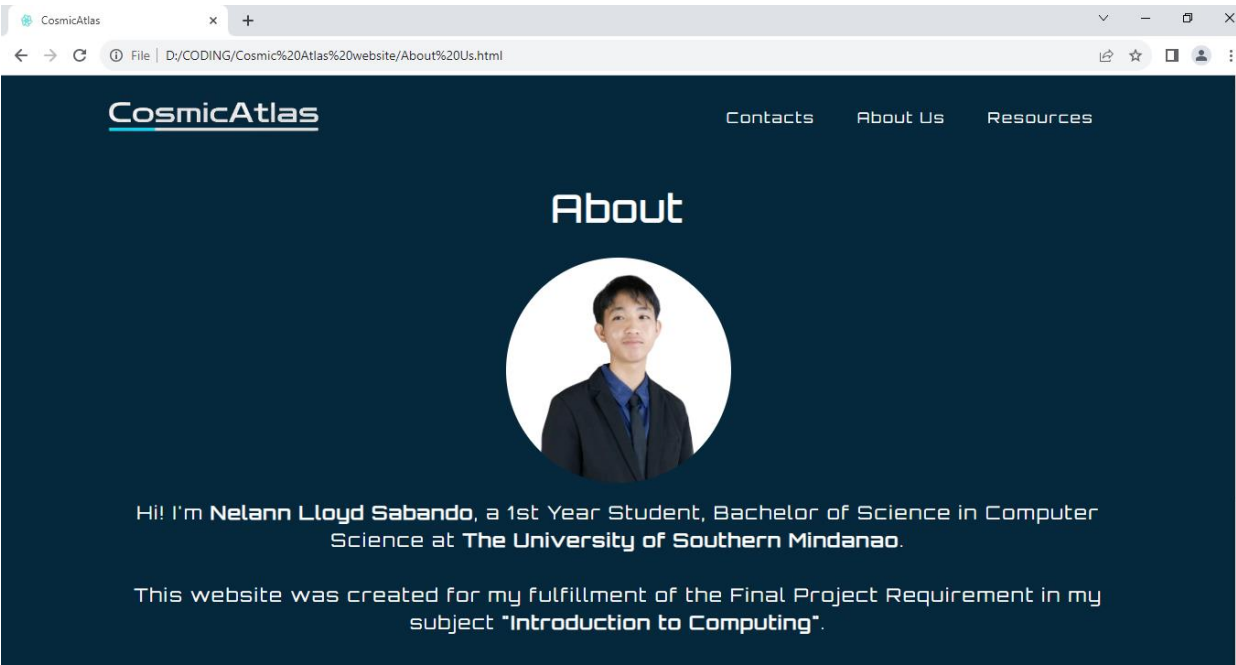
CSS

```
17 *{
18   margin: 0;
19   padding: 0;
20   font-family: "Orbitron";
21   letter-spacing: 2px;
22   box-sizing: border-box;
23 }
24
25 .nav-link{
26   color: white;
27   margin-right: 30px;
28   transition: 400ms;
29 }
30 .nav-link:hover{
31   color: rgba(0, 255, 255, 0.805);
32 }
33 .navbar-brand img{
34   height: 33px;
35   width: auto;
36 }
37
38 .navbar-toggler-icon{
39   background-image: url("data:image/svg+xml,%3csvg xmlns='http://www.w3.org/2000/svg' viewBox='0 0 30 30'%3e%3cpath stroke='rgba%28255, 255, 1%29' stroke-linecap='round' stroke-miterlimit='10' stroke-width='2' d='M4 7h22M4 15h22M4 23h22'/%3e%3c/svg%3e");
40 }
41
42 .back{
43   background-color: #06283D;
44   background-size: cover;
45   background-position: center;
46   width: 100%;
47   height: 100%;
48 }
49
50 #profile {
51   padding: 30px 0 50px 0;
52 }
53
54 #profile img{
55   height: 250px;
56   width: 250px;
57   border: 2px solid #06283D;
58   border-radius: 200px;
59   display: flex;
60   align-items: center;
61 }
62
63 #profile h1{
64   letter-spacing: 3px;
65   font-weight: bold;
66   font-size: 2.5rem;
67   color: white;
68   padding-bottom: 20px;
69   text-align: center;
70 }
71
72 #profile p{
73   text-align: justify;
74   font-size: 28px;
75 }
76
77 footer{
78   padding: 40px;
79   background-color: #06283D;
80   margin: 0;
81   text-align: center;
82 }
```

HTML

```
107 <body>
108 <div class="back">
109 <header>
110 <nav class="navbar navbar-expand-lg p-4">
111 <div class="container">
112 <a href="Cosmic.html" class="navbar-brand"></a>
113 <button
114 class="navbar-toggler"
115 type="button"
116 data-bs-toggle="collapse"
117 data-bs-target="#navmenu">
118 <span class="navbar-toggler-icon"></span>
119 </button>
120 <div class="collapse navbar-collapse" id="navmenu">
121 <ul class="navbar-nav ms-auto">
122 <li class="nav-item">
123 <a href="Contacts.html" class="nav-link">Contacts</a>
124 </li>
125 <li class="nav-item">
126 <a href="About Us.html" class="nav-link">About Us</a>
127 </li>
128 <li class="nav-item">
129 <a href="Resources.html" class="nav-link">Resources</a>
130 </li>
131 </ul>
132 </div>
133 </div>
134 </nav>
135 </header>
136 ---
137 <section id="profile">
138 <h1>About</h1>
139 <div class="cont">
140 
141 </div>
142 <div class="container">
143 <div class="d-flex">
144 <p class="text-white p-3 text-center"> Hi! I'm<b> Nelann Lloyd Sabando</b>, a 1st Year Student, Bachelor of Science in Computer
145 Science at <b>The University of Southern Mindanao</b>. <br> <br> This website was created for my fulfillment of the Final Project
146 Requirement in my subject <b>"Introduction to Computing"</b>. </p>
147 </div>
148 </div>
149 </div>
150 </section>
```

Rendered as:



C. Contact Form

HTML

```
240
241 <div class="cont">|
242   <div class="form">
243     <form method="post" action="#">
244       <h3>Contact Form</h3>
245       <div id="inputbox">
246         <input type="text" name="Name" required="required"> <br>
247         <span><b>Name</b></span>
248       </div>
249       <div id="inputbox">
250         <input type="text" name="email" required="required"><br>
251         <span><b>Email Address</b></span>
252       </div>
253
254       <div id="message">
255         <textarea rows="4" cols="30" type="text" name="message" required="required"></textarea><br>
256       </div>
257       <span><b>Message</b></span>
258       <div id="submit">
259         <input type="submit" name="submit" value="Send"><br>
260       </div>
261     </form>
262   </div>
263 </div>
```

CSS

```
103 #contactform{
104   padding: 50px;
105 }
106
107 .form{
108   margin-bottom: 40px;
109   width: 35%;
110   padding-bottom: 20px;
111   justify-content: center;
112   align-items: center;
113   display: flex;
114   color: #white;
115 }
116
117 .form h3{
118   letter-spacing: 3px;
119   font-weight: bold;
120   font-size: 2rem;
121   color: #white;
122   padding: 40px;
123   text-align: center;
124 }
125
126 .form #inputbox{
127   position: relative;
128   width: 100%;
129   margin-top: 10px;
130 }
131
132 .form #inputbox input{
133   padding: 5px 4px;
134   font-size: 16px;
135   margin: 10px 0;
136   border: none;
137   border: 2px solid #white;
138   border-radius: 8px;
139   outline: none;
140   width: 100%;
141   background-color: #06283D;
```

```
132 .form #inputbox input{
133   padding: 5px 4px;
134   font-size: 16px;
135   margin: 10px 0;
136   border: none;
137   border: 2px solid #white;
138   border-radius: 8px;
139   outline: none;
140   width: 100%;
141   background-color: #06283D;
142   color: #white;
143 }
144
145 .form #message textarea{
146   padding: 5px 4px;
147   font-size: 16px;
148   margin-top: 30px;
149   margin-bottom: 10px;
150   width: 100%;
151   border: 2px solid #white;
152   border-radius: 8px;
153   background-color: #06283D;
154   color: #white;
155 }
156
157 .form #submit input{
158   padding: 5px 0;
159   font-size: 16px;
160   background-color: #06283D;
161   margin: 40px 0;
162   border: 2px solid #white;
163   border-radius: 8px;
164   color: #white;
165   width: 50%;
166 }
167
```

Rendered as:

Contact Form

Name

Email Address

Message

D. Zebra Striped Table

CSS

```
100 .overview h2,h5{
101   font-weight: bold;
102 }
103
104 table{
105   width: 100%;
106 }
107
108 #table{
109   text-align: justify;
110   padding-top: 60px;
111   padding-bottom: 50px;
112 }
113
114 tr:nth-child(even) {
115   background-color: #f2f2f2;
116 }
117
118 #table th{
119   font-size: 20px;
120   padding-left: 10px;
121 }
122
123 #table td {
124   text-align: center;
125   padding: 18px;
126 }
127
128 #table td a{
129   text-decoration: none;
130   color: black;
131 }
```

HTML

```
228
229 <section>
230   <div id="table">
231     <div class="text-black">
232       <div class="container">
233         <table>
234           <tr>
235             <th>Moons of Earth</th>
236             <td><a href="https://science.nasa.gov/moon/">Explore</a></td>
237           </tr>
238           <tr>
239             <th>Moons of Mars</th>
240             <td><a href="https://science.nasa.gov/mars/moons/">Explore</a></td>
241           </tr>
242           <tr>
243             <th>Moons of Jupiter</th>
244             <td><a href="https://science.nasa.gov/jupiter/moons/">Explore</a></td>
245           </tr>
246           <th>Moons of Saturn</th>
247             <td><a href="https://science.nasa.gov/saturn/moons/">Explore</a></td>
248           </tr>
249           <tr>
250             <th>Moons of Uranus</th>
251             <td><a href="https://science.nasa.gov/uranus/moons/">Explore</a></td>
252           </tr>
253           <tr>
254             <th>Moons of Neptune</th>
255             <td><a href="https://science.nasa.gov/neptune/moons/">Explore</a></td>
256           </tr>
257         </table>
258       <br><p>Current known moons/satellites in our Solar System: <b>270 satellites</b></p>
259       <small><i>—According to the <b>NASA/JPL Solar System Dynamics</b></i></small>
260     </div>
261   </div>
262 </section>
```

Rendered as:

Moons of Earth	Explore
Moons of Mars	Explore
Moons of Jupiter	Explore
Moons of Saturn	Explore
Moons of Uranus	Explore
Moons of Neptune	Explore

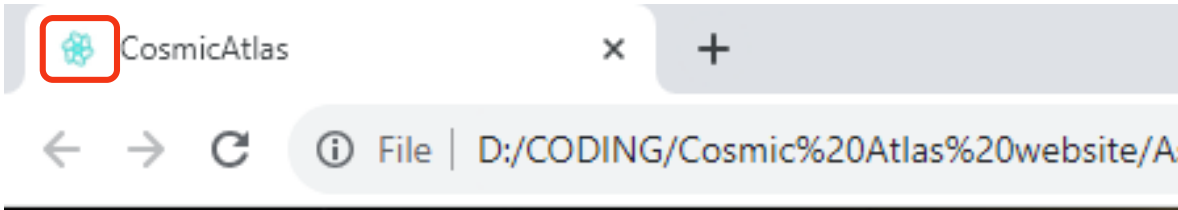
E. Favicon



HTML

```
<link rel="icon" type="image/x-icon" href="favicon.png">
```

Rendered as:



F. Border Around image

CSS

```
211 #gallery img {  
212   border: 4px solid teal;  
213 }  
214
```

Rendered as:

