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Subject: Internet Programming
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2022-2023

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Ex1:

```
Ex1.html > html > style > #box
1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5      <meta charset="UTF-8">
6      <meta http-equiv="X-UA-Compatible" content="IE=edge">
7      <meta name="viewport" content="width=device-width, initial-scale=1.0">
8      <title>Ex1</title>
9      <link rel="preconnect" href="https://fonts.googleapis.com">
10     <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
11 </head>
12 <style>
13     * {
14         margin: 0;
15         padding: 0;
16         box-sizing: border-box;
17     }
18
19     #Container {
20         width: 100%;
21         min-height: 100vh;
22         background-color: rgb(196, 255, 204);
23         display: flex;
24         align-items: center;
25     }
26
27     #box {
28         width: 80%;
29         height: fit-content;
30         background-color: #ffffff;
31         border: 6px solid black;
32         justify-content: center;
33         text-align: center;
34         margin: auto;
35         display: flex;
36         flex-direction: column;
37         align-items: center;
38     }
39
40     #box sticker {
41         margin-top: 50px;
42     }
43
44     #sticker {
45         font-size: 80px;
46     }
47
48     #text {
49         font-family: 'Shantell Sans', cursive;
50         font-size: 20px;
51         text-indent: 6px;
52         padding: 10px;
53         display: flex;
54         flex-direction: column;
55         gap: 1.5rem;
56     }
57
58     #button {
59         background-color: #3083ff;
60         border: none;
61         border-radius: 4px;
```

```

58     #button {
59         background-color: #3083ff;
60         border: none;
61         border-radius: 4px;
62         font-size: 18px;
63         font-family: 'Shantell Sans', cursive;
64         margin: 20px;
65         padding: 10px;
66         color: white;
67     }
68 }
69
70 #option {
71
72     background-color: #f4f4f4;
73     width: 80%;
74     /* height: fit-content; */
75     margin-bottom: 30px;
76     border-radius: 6px;
77 }
78
79
80 #tag {
81     /* text-indent: 20px; */
82     height: 20px;
83 }
84
85 #part {
86     height: 20px;
87 }
88
89 #price {
90     height: 20px;
91 }
92
93 #link {
94     height: 20px;
95 }
96
97 #icon1 {
98     width: 300px;
99     display: flex;
100     flex-direction: row;
101     align-items: center;
102 }
103
104 #icon2 {
105     width: 300px;
106     display: flex;
107     flex-direction: row;
108     align-items: center;
109 }
110
111 #icon3 {
112     width: 300px;
113     display: flex;
114     flex-direction: row;
115     align-items: center;
116 }
117
118 #icon4 {
119     width: 300px;
120     display: flex;

```

```
121     flex-direction: row;
122     align-items: center;
123 }
124
125 #option-header {
126     font-family: 'Shantell Sans', cursive;
127 }
128
129 .lds-ripple {
130     display: inline-block;
131     position: relative;
132     width: 80px;
133     height: 80px;
134 }
135
136 .lds-ripple div {
137     position: absolute;
138     border: 4px solid black;
139     opacity: 1;
140     border-radius: 50%;
141     animation: lds-ripple 1s cubic-bezier(0, 0.2, 0.8, 1) infinite;
142 }
143
144 .lds-ripple div:nth-child(2) {
145     animation-delay: -0.5s;
146 }
147
148 @keyframes lds-ripple {
149     0% {
150         top: 36px;
151         left: 36px;
152         width: 0;
153         height: 0;
154         opacity: 0;
155     }
156
157     4.9% {
158         top: 36px;
159         left: 36px;
160         width: 0;
161         height: 0;
162         opacity: 0;
163     }
164
165     5% {
166         top: 36px;
167         left: 36px;
168         width: 0;
169         height: 0;
170         opacity: 1;
171     }
172
173     100% {
174         top: 0px;
175         left: 0px;
176         width: 72px;
177         height: 72px;
178         opacity: 0;
179     }
180 }
```

```

181
182     .activity {
183         width: 100%;
184         display: flex;
185         justify-content: center;
186         align-items: center;
187     }
188 </style>
189
190 <body>
191     <div id="container">
192         <div id="box">
193             <div id="sticker">
194                 😊
195             </div>
196             <div id="text">
197                 <h2>Are you boring?</h2>
198             </div>
199             <button id="button" onclick="getMaAnActivity()">Tell me what to do</button>
200             <div class="activity">
201                 <div id="loading" hidden>
202                     <div class="lds-ripple" >
203                         <div></div>
204                         <div></div>
205                     </div>
206                 </div>
207                 <div id="option" hidden>
208
209                     </div>
210                 </div>
211
212             </div>
213         </div>
214         <script>
215             const loadingTextEle = document.getElementById("loading");
216             const optionEle = document.getElementById("option");
217             const activityNameEle = document.getElementById("activity-name");
218             const activityTypeEle = document.getElementById("activity-type");
219
220             function getMaAnActivity() {
221                 loadingTextEle.hidden = false;
222                 optionEle.hidden = true;
223                 fetch("https://www.boredapi.com/api/activity").then(async (res) => {
224                     // alert("hi")
225                     let data = await res.json();
226
227
228                     const tmo =
229                         `
230                         <h3 id="option-header">Learn and play a new card game</h3>
231                         <div id="text">
232                             <div id="icon1">
233                                 <svg id="tag" xmlns="http://www.w3.org/2000/svg" viewBox="0 0 24 24"
234                                 fill="currentColor" class="w-6 h-fit">
235                                     <path fill-rule="evenodd" d="M5.25 2.25a3 3 0 0-3 3v4.318a3 3
236                                     0 00.879 2.121l9.58 9.581c.92.92 2.39 1.186 3.548.428a18.849 18.849 0
237                                     005.441-5.44c.758-1.16.492-2.629-.428-3.548l-9.58-9.581a3 3 0 00-2.122-.879H5.25ZM6.375
238                                     7.5a1.125 1.125 0 100-2.25 1.125 1.125 0 00 2.25Z" clip-rule="evenodd" />
239                                 </svg>
240                                 <p>Type: ${data.type}</p>
241                             </div>
242                             <div id="icon2">

```

```

239     </svg>
240     <p>type: ${data.type}</p>
241   </div>
242   <div id="icon2">
243     <svg id="part" xmlns="http://www.w3.org/2000/svg" viewBox="0 0 24 24" fill="currentColor" class="w-6 h-6">
244       <path fill-rule="evenodd" d="M8.25 6.75a3.75 3.75 0 117.5 0 3.75 3.75 0 01-7.5 0zM15.75
245       9.75a3 3 0 116 0 3 0 01-6 0zM2.25 9.75a3 3 0 116 0 3 0 01-6 0zM6.31 15.117A6.745
246       6.745 0 0112 12a6.745 6.745 0 016.709 7.498 7.5 7.5 0 01-.372 5.68A12.696 12.696 0 0112
247       21.75c-2.305 0-4.47-.612-6.337-1.684a.75.75 0 01-.372-.568 6.787 6.787 0 01.019-4.38z" clip-rule="evenodd" />
248       <path d="M5.082 14.254a8.287 8.287 0 00-1.308 5.135 9.687 9.687 0 01-1.764-.441-.115-.04a.563.563
249       0 01-.373-.487l-.01-.121a3.75 3.75 0 013.57-4.047zM20.226 19.389a8.287 8.287 0 00-1.308-5.135 3.75
250       3.75 0 013.57 4.047l-.01.121a.563.563 0 01-.373.486l-.115.04c-.567-.2-1.156-.349-1.764.441z" />
251     </svg>
252     <p>Participants: ${data.participants}</p>
253   </div>
254   <div id="icon3">
255     <svg id="price" xmlns="http://www.w3.org/2000/svg" viewBox="0 0 24 24" fill="currentColor" class="w-6 h-6">
256       <path d="M10.464 8.746c.227-.18.497-.311.786-.394v2.795a2.252 2.252 0
257       01-.786-.393c-.394-.313-.546-.681-.546-1.004 0-.323.152-.691.546-1.004zM12.75
258       15.662v-2.824c.347.085.664.228.921.421.427.32.579.686.579.991 0 .305-.152.671-.579.991a2.534 2.534 0 01-.921.42z" />
259       <path fill-rule="evenodd" d="M12 2.25c-5.385 0-9.75 4.365-9.75 9.75a4.365
260       9.75 0 75 9.75 0 75-4.365 9.75-9.75S17.385 2.25 12 2.25zM12.75 6a.75.75
261       0 00-1.5 0v.816a3.836 3.836 0 00-1.72.756c-.712.566-1.112 1.35-1.112 2.178 0
262       .829.4 1.612 1.113 2.178.502.4 1.102.647 1.719.756v2.978a2.536 2.536 0
263       01-.921-.421l-.879-.66a.75.75 0 00-.9 1.21.879.66c.533.4 1.169.645 1.821.75V18a.75.75
264       0 001.5 0v-.81a4.124 4.124 0 001.821-.749c.745-.559 1.179-1.344 1.179-2.191
265       0-.847-.434-1.632-1.179-2.191a4.122 4.122 0 00-1.821-.75V8.354c.29.082.559.213.786.393l.415.33a.75.75
266       0 00.933-1.175l-.415-.33a3.836 3.836 0 00-1.719-.755V6z" clip-rule="evenodd" />
267     </svg>
268     <p>Price: ${data.price}</p>
269   </div>
270   <div id="icon4">
271     <svg id="link" xmlns="http://www.w3.org/2000/svg" viewBox="0 0 24 24" fill="currentColor" class="w-6 h-6">
272       <path fill-rule="evenodd" d="M19.902 4.098a3.75 3.75 0 00-5.304 0l-4.5 4.5a3.75 3.75
273       0 001.035 6.037.75.75 0 01-.646 1.353 5.25 5.25 0 01-1.449-8.451a.5-.5 0 01.5.5
274       0 117.424 7.424l-1.757 1.757a.75.75 0 11-1.06-1.06l1.757-1.757a3.75 3.75
275       0 000-5.304zM-7.389 4.267a.75.75 0 011-.353 5.25 5.25 0 011.449 8.451-4.5 4.5a5.25 5.25
276       0 11-7.424-7.424l1.757-1.757a.75.75 0 11.06-1.06l1.757 1.757a3.75 3.75
277       0 105.304 5.304l4.5-4.5a3.75 3.75 0 00-1.035-6.037.75.75 0 01-.354-1z" clip-rule="evenodd" />
278     </svg>
279     <p>link: ${data.link}</p>
280   </div>
281 </div>
282
283
284 // console.log(tmo);
285 optionEle.innerHTML = tmo
286 optionEle.hidden = false;
287 loadingTextEle.hidden = true;
288
289 </div>
290
291 }
292
293
294 window.addEventListener("load", getMaanActivity)
295 </script>
296 </body>
297
298 </html>

```

Ex1-OUTPUT:



Are you boring?

Tell me what to do

Learn and play a new card game

🏷️ Type: diy

👥 Participants: 1

💰 Price: 0

🔗 link:

Ex2:

```
<> Ex2.html > html > style > #box-display
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Ex2</title>
8      <link rel="preconnect" href="https://fonts.googleapis.com">
9      <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
10 </head>
11 <style>
12     *{
13         margin: 0;
14         /* min-height: 100vh; */
15         padding: 0;
16         box-sizing: border-box;
17     }
18     body{
19         max-width: 100%;
20         min-height: 100vh;
21         display: flex;
22         flex-direction: column;
23         justify-content: center;
24         align-items: c;
25     }
26     #Container{
27         background-color: rgb(189, 148, 228);
28         width: 80%;
29         border: 4px solid black;
30         display: flex;
31         justify-content: center;
32         text-align: center;
33         flex-direction: column;
34         align-items: center;
35         margin: auto;
36     }
37     #Sticker{
38         font-size: 70px;
39     }
40     #text{
41         display: flex;
42     }
43     #text1{
44         font-family: 'Shantell Sans', cursive;
45         font-size: 30px;
46     }
47     #Gender{
48         font-family: 'Shantell Sans', cursive;
49         font-size: 30px;
50         color: #2576f0;
51         padding-left: 45px;
```

```

51     padding-left: 15px;
52 }
53 #Sender{
54     display: flex;
55     padding: 10px;
56     margin: 5px;
57 }
58 #input{
59     padding: 6px;
60     border-radius: 4px;
61     font-family: 'Times New Roman', Times, serif;
62     /* padding-left: 16px; */
63     /* color: rgb(85, 83, 83); */
64 }
65 #button{
66     padding: 0 .7rem;
67     background-color: #3083ff;
68     border-radius: 4px;
69     border: none;
70     margin-left: 10px;
71     color: white;
72 }
73 #box-display{
74     width: 50%;
75     height: fit-content;
76     background-color: #f4f4f4;
77     border-radius: 6px;
78     margin: 10px;
79 }
80 #name{
81     margin: 10px;
82     font-size: 20px;
83 }
84 #gender{
85     font-size: 35px;
86     font-family: 'Times New Roman', Times, serif;
87     color: #f06e24;
88 }
89 #percent{
90     font-size: 25px;
91     color: #72aaff;
92     margin: 8px;
93 }
94 </style>
95 <body>
96     <div id="Container">
97         <div id="Sticker">
98             🤖
99         </div>
100        <div id="text">
101            <h3 id="text1"><b>I Know you</b></h3>
102            <h3 id="Gender"><b>Gender</b></h3>
103        </div>
104        <div id="Sender">
105            <input id="input" type="text" placeholder="Tell me your name">
106            <button id="button" onclick="getMaAnActivity()">Guess</button>
107        </div>
108        <div id="box-display">
109            <div id="name"><b>Makara</b></div>
110            <div id="gender"><b>Female</b></div>

```

```

110     <div id="gender"><b>Female</b></div>
111     <div id="percent"><b>50%</b></div>
112   </div>
113 </div>
114 <script>
115   const input = document.getElementById("input");
116   function getMaAnActivity(){
117     fetch (`https://api.genderize.io?name=${input.value}`).then(async (res)=>{
118       let data = await res.json();
119
120       const tmp =
121       `
122         <div id="name"><b>${data.name}</b></div>
123         <div id="gender"><b>${data.gender}</b></div>
124         <div id="percent"><b>${data.probability*100}%</b></div>
125       `
126       document.querySelector("#box-display").innerHTML = tmp;
127     });
128   }
129 </script>
130 </body>
131 </html>

```

Ex2-OUTPUT:



I Know you Gender

NITH

Guess

NITH

female

50%

EX3:

```
Ex3.html > html > style > #Container
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Ex3</title>
8      <link rel="preconnect" href="https://fonts.googleapis.com">
9      <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
10 </head>
11 <style>
12     *{
13         margin: 0;
14         /* min-height: 100vh; */
15         padding: 0;
16         box-sizing: border-box;
17     }
18     body{
19         max-width: 100%;
20         min-height: 100vh;
21         display: flex;
22         flex-direction: column;
23         justify-content: center;
24         align-items: c;
25     }
26     #Container{
27         background-color: rgb(202, 151, 184);
28         width: 80%;
29         border: 4px solid black;
30         display: flex;
31         justify-content: center;
32         text-align: center;
33         flex-direction: column;
34         align-items: center;
35         margin: auto;
36     }
37     #Sticker{
38         font-size: 80px;
39         border: 4px;
40     }
41     #text{
42         display: flex;
43     }
44     #text1{
45         font-family: 'Shantell Sans', cursive;
46         font-size: 30px;
47     }
48     #Gender{
49         font-family: 'Shantell Sans', cursive;
50         font-size: 30px;
51         color: #3576fa;
```

```

51     color: #2576f0;
52     padding-left: 15px;
53 }
54 #Sender{
55     display: flex;
56     padding: 10px;
57     margin: 5px;
58 }
59 #input{
60     padding: 6px;
61     border-radius: 4px;
62     font-family: 'Times New Roman', Times, serif;
63     /* padding-left: 16px; */
64     /* color: rgb(85, 83, 83); */
65 }
66 #button{
67     padding: 0 .7rem;
68     background-color: #3083ff;
69     border-radius: 4px;
70     border: none;
71     margin-left: 10px;
72     color: white;
73 }
74 #box-display{
75     width: 50%;
76     height: fit-content;
77     border-radius: 6px;
78     margin: 10px;
79 }
80 .nation{
81     width: 100%;
82     display: flex;
83     justify-content: space-between;
84     padding: .5rem .7rem;
85     background-color: #f4f4f4;
86     border-radius: .4rem;
87     /* font-size: 100px; */
88 }
89 .nation+.nation{
90     margin-top: .4rem;
91 }
92 .name{
93     /* margin: 10px; */
94     font-size: 17px;
95     font-weight: bold;
96 }
97 .percentag{
98     font-size: 17px;
99     color: #ff5c00;
100    /* margin: 8px; */


```

```

101 }
102 .Lds-heart {
103     display: inline-block;
104     position: relative;
105     width: 80px;
106     height: 80px;
107     transform: rotate(45deg);
108     transform-origin: 40px 40px;
109 }
110 .Lds-heart div {
111     top: 32px;
112     left: 32px;
113     position: absolute;
114     width: 32px;
115     height: 32px;
116     background: #fff;
117     animation: lds-heart 1.2s infinite cubic-bezier(0.215, 0.61, 0.355, 1);
118 }
119 .Lds-heart div:after,
120 .Lds-heart div:before {
121     content: " ";
122     position: absolute;
123     display: block;
124     width: 32px;
125     height: 32px;
126     background: #fff;
127 }
128 .Lds-heart div:before {
129     left: -24px;
130     border-radius: 50% 0 0 50%;
131 }
132 .Lds-heart div:after {
133     top: -24px;
134     border-radius: 50% 50% 0 0;
135 }
136 @keyframes lds-heart {
137     0% {
138         transform: scale(0.95);
139     }
140     5% {
141         transform: scale(1.1);
142     }
143     39% {
144         transform: scale(0.85);
145     }
146     45% {
147         transform: scale(1);
148     }
149     60% {
150         transform: scale(0.95);
151     }
152     100% {
153         transform: scale(0.9);

```

```

152     100% {
153         transform: scale(0.9);
154     }
155 }
156
157 </style>
158 <body>
159     <div id="Container">
160         <div id="Sticker">
161             
162         </div>
163         <div id="text">
164             <h3 id="text1"><b>I Know you</b></h3>
165             <h3 id="Gender"><b>Home</b></h3>
166         </div>
167         <form id="Sender">
168             <input id="input" type="text" placeholder="Tell me your name">
169             <input type="submit" id="button" onclick="getMaAnActivity()" value="Guess">
170         </form>
171         <div id="box-display">
172
173
174     </div>
175 </div>
176 <script>
177     const input = document.getElementById("input");
178     document.querySelector("#Sender").addEventListener('submit', (e) => {
179         e.preventDefault()
180     })
181     function getMaAnActivity(){
182         let tmp=""
183         document.querySelector("#box-display").innerHTML=`<div class="lds-heart"><div></div></div>`
184         fetch(`https://api.nationalize.io?name=${input.value}`).then(async (res) => {
185             let data = await res.json();
186             data.country.forEach(item => {
187                 // console.log(item);
188                 tmp +=
189                 `
190                 <div class="nation">
191                     <div class="name">${item.country_id}</div>
192                     <div class="percentag">${Number(item.probability*100).toFixed(2)}%</div>
193                 </div>
194                 `
195             });
196             document.querySelector("#box-display").innerHTML = tmp;
197         });
198     }
199 </script>
200 </body>
201 </html>

```

Ex3-OUTPUT:



I Know you Home

KH	52.80%
LA	15.10%
TH	8.30%
MY	2.70%
JP	2.40%

EX4:

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Ex4</title>
8   <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet"
9     integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao8Yz1ztCQTWfspD3yD65VohhpucOmLASjC" crossorigin="anonymous">
10  <link rel="preconnect" href="https://fonts.googleapis.com">
11  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
12 </head>
13 <style>
14   * {
15     margin: 0;
16     padding: 0;
17     box-sizing: border-box;
18   }
19   body{
20     max-width: 100%;
21     min-height: 100vh;
22     display: flex;
23     flex-direction: column;
24     justify-content: center;
25     align-items: center;
26   }
27   #Container {
28     background-color: #rgb(154, 214, 241);
29     width: 100%;
30     height: fit-content;
31     border: 5px solid black;
32     display: flex;
33     justify-content: center;
34     text-align: center;
35     flex-direction: column;
36     align-items: center;
37     margin: auto;
38     /* height: 100vh; */
39   }
40   img{
41     width: 18%;
42     margin: 20px;
43   }
44   #University{
45     font-family: 'Julee', cursive;
46     /* font-family: 'Itim', cursive;
47     font-family: 'Shantell Sans', cursive; */
48   }
49   h3{
50     font-size: 27px;
51   }
52   #menu{
53     width: 50%;
54     border: 1px solid black;
```

```

52     #menu{
53         width: 50%;
54         border: 1px solid black;
55         border-radius: 4px;
56         margin: 10px;
57     }
58     .form-select{
59         font-family: 'Itim', cursive;
60         font-family: 'Shantell Sans', cursive;
61         font-size: 1.1rem;
62         /* font-weight: bold; */
63         padding: 2px;
64     }
65     #box-display{
66         display: grid;
67         grid-template-columns: repeat(3,1fr);
68         margin: auto;
69         /* padding: 10px; */
70         border-radius: 4px;
71         font-size: 10px;
72         margin: 20px;
73         gap: 10px;
74         overflow-y: hidden;
75         padding: 10px;
76     }
77     #box-display > * {
78         background-color: #f4f4f4;
79         border-radius: 4px;
80     }
81 }
82 .name-school{
83     font-size: 12px;
84     padding: 4px;
85 }
86 > /* #univ1 div{...
87
88
89
90 > /* #box-display+#box-display{...
91
92
93
94 </style>
95 <body>
96     <div id="Container">
97         <div id="sticker">
98             
101             <h3>Which Univ. do you want to study?</h3>
102         </div>
103         <div id="menu">
104             <select class="form-select" aria-label=" " onchange="getMaAnActivity()">
105                 <!-- <option selected>Select Menu</option> -->
106                 <option selected value="cambodia">Cambodia</option>
107                 <option value="thailand">Thailand</option>
108                 <option value="usa">USA</option>
109                 <option value="vietnam">Vietnam</option>

```

```

110         <option value="laos">laos</option>
111         <option value="japan">Japan</option>
112     </select>
113 </div>
114 > <div id="box-display">...
130 </div>
131 </div>
132 <script>
133     const input = document.querySelector('.form-select');
134     function getMaAnActivity(){
135         let tmp=""
136         document.querySelector("#box-display").innerHTML=`<div class="lds-heart"><div></div></div>`
137         fetch (`http://universities.hipolabs.com/search?country=${input.value}`).then(async (res)=>{
138             let data = await res.json();
139             // console.log(data);
140             data.forEach(item => {
141                 // console.log(item);
142                 tmp +=
143                 `
144                 <div id="univ1">
145                     <h4 class="name-school">${item.name}</h4>
146                     <p>${item.country} - ${item.alpha_two_code}</p>
147                     <a href="${item.web_pages}" target="_blank">${item.web_pages}</a>
148                 </div>
149                 `
150             });
151         });
152         document.querySelector("#box-display").innerHTML = tmp;
153     });
154 }
155 getMaAnActivity();
156 </script>
157 </body>
158 </html>

```

Ex4-OUTPUT:



Which Univ. do you want to study?

Japan



Aichi Shukutoku University

Japan - JP

<http://www.aasa.ac.jp/>

Aichi Bunkyo University

Japan - JP

<http://www.abu.ac.jp/>

Aichi University of Education

Japan - JP

<http://www.aichi-edu.ac.jp/>

Aichi Prefectural University of Fine Arts & Music

Japan - JP

<http://www.aichi-fam-u.ac.jp/>

Aichi Gakuin University

Japan - JP

<http://www.aichi-gakuin.ac.jp/>

Aichi Medical University

Japan - JP

<http://www.aichi-med-u.ac.jp/>

Science University of Tokyo in Yamaguchi

Japan - JP

<http://www.yama.sut.ac.jp/>

Yasuda Women's University

Japan - JP

<http://www.yasuda-u.ac.jp/>

Yamanashi Gakuin University

Japan - JP

<http://www.ygu.ac.jp/>

Yokohama National University

Japan - JP

<http://www.ynu.ac.jp/>

Yokkaichi University

Japan - JP

<http://www.yokkaichi-u.ac.jp/>

Yokohama City University

Japan - JP

<http://www.yokohama-cu.ac.jp/>

Tokyo University of Art and Design

Japan - JP

<http://www.zokei.ac.jp/>

EX5:

```
Ex5.html > html > body > script > render > data.forEach() callback
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4    <meta charset="UTF-8">
5    <meta http-equiv="X-UA-Compatible" content="IE=edge">
6    <meta name="viewport" content="width=device-width, initial-scale=1.0">
7    <title>Ex5</title>
8    <link rel="stylesheet" href="Ex5.css">
9  </head>
10 <body>
11   <style>
12     .lds-heart {
13       display: inline-block;
14       position: relative;
15       width: 80px;
16       height: 80px;
17       transform: rotate(45deg);
18       transform-origin: 40px 40px;
19     }
20     .lds-heart div {
21       top: 32px;
22       left: 32px;
23       position: absolute;
24       width: 32px;
25       height: 32px;
26       background: #fff;
27       animation: lds-heart 1.2s infinite cubic-bezier(0.215, 0.61, 0.355, 1);
28     }
29     .lds-heart div:after,
30     .lds-heart div:before {
31       content: " ";
32       position: absolute;
33       display: block;
34       width: 32px;
35       height: 32px;
36       background: #fff;
37     }
38     .lds-heart div:before {
39       left: -24px;
40       border-radius: 50% 0 0 50%;
41     }
42     .lds-heart div:after {
43       top: -24px;
44       border-radius: 50% 50% 0 0;
45     }
46     @keyframes lds-heart {
47       0% {
48         transform: scale(0.95);
49       }
50       5% {
51         transform: scale(1.1);
52       }
53       39% {
54         transform: scale(0.85);
```

```

54         transform: scale(0.85);
55     }
56     45% {
57         transform: scale(1);
58     }
59     60% {
60         transform: scale(0.95);
61     }
62     100% {
63         transform: scale(0.9);
64     }
65 }
66
67 </style>
68 <div>
69     <div class="container">
70         <div class="input">
71             <form action="#">
72                 <label for="name">Name</label><br>
73                 <input type="text"><br>
74                 <label for="category">Category</label><br>
75                 <input type="text"><br>
76                 <label for="price">Price</label><br>
77                 <input type="text"><br><br>
78                 <input type="submit" value="Add">
79             </form>
80         </div>
81         <!-- <div class="lds-heart"><div></div></div> -->
82         <div class="output">
83
84         </div>
85     </div>
86 </div>
87 <script>
88     const url="https://jsonplaceholder.typicode.com/photos";
89
90     const getData={()=>{
91         fetch(url).then(res=>res.json()).then(data=>{
92             render(data)
93         })
94     }
95
96     const render=(data)=>{
97         let tmp="";
98         data.forEach(item=>{
99             tmp+=
100
101             <div class="box">
102                 <div></div>
103                 <div>
104                     ${item.title}
105                 </div>
106                 <div>
107                     <a href="/Ex5_view.html?id=${item.id}">see</a>
108                 </div>
109             </div>
110
111             })
112             document.querySelector(".output").innerHTML=tmp
113         }
114         window.addEventListener('load',getData())
115     </script>
116 </body>
117 </html>

```

CSS-EX5:

```
# Ex5.css > .container .output .box
1  *{
2      padding: 0;
3      margin: 0;
4      box-sizing: border-box;
5  }
6  .container{
7      width: 100%;
8      height: 100vh;
9      display: flex;
10     /* height: fit-content; */
11     /* gap: 10px; */
12 }
13 .container .input{
14     width: 30%;
15     height: 100%;
16     background-color: #rgb(175, 174, 174);
17 }
18 .container .output{
19     width: 70%;
20     background-color: #bisque;
21     display: grid;
22     padding: 1rem .7rem;
23     grid-template-columns: repeat(4,1fr);
24     gap: 10px;;
25     overflow-y: scroll;
26 }
27 .container .output .box{
28
29     width: 100%;
30     height: 100%;
31     /* height: 100%; */
32     background-color: #rgb(152, 211, 191);
33     display: flex;
34     flex-direction: column;
35     align-items: center;
36     padding: .4rem;
37 }
38 .container .output .box > div{
39     width: 100%;
40 }
41 .container .output .box > div >img{
42     width: 100%;
43 }
44 .container .output .box div:first-child{
45     min-height: 8rem;
46     background-color: #ffffff;
47     display: flex;
48     align-items: center;
49     justify-content: center;
50 }
51
```

EX5-view:

```
Ex5_view.html > html > body > style > main
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Document</title>
8  </head>
9  <body>
10     <style>
11         *{
12             margin: 0;
13             padding: 0;
14             box-sizing: border-box;
15         }
16         .container{
17             margin-bottom: 50vh;
18         }
19         header{
20             background-color: #474e5d;
21             padding: 2rem 0rem;
22         }
23         header .title,h2,p{
24             text-align: center;
25             color: white;
26         }
27         main .title,h1,p{
28             text-align: center;
29         }
30         main{
31             display: flex;
32             justify-content: center;
33             align-items: center;
34             flex-direction: column;
35         }
36         main img{
37             width: 15%;
38         }
39         header p{
40             font-size: 1.3rem;
41         }
42         @media only screen and (max-width: 1000px) {
43             main img{
44                 width: 70%;
45             }
46         }
47     </style>
48     <div class="container">
49
50 </div>
```



```
52
53 <script>
54   const queryString = window.location.search;
55   const urlParams = new URLSearchParams(queryString);
56   const id = urlParams.get('id')
57   // console.log(id);
58   const getData={()=>{
59     fetch(`https://jsonplaceholder.typicode.com/photos/${id}`).then(res=>res.json()).then(data=>{
60       document.querySelector('.container').innerHTML=
61       `
62         <header>
63           <h1 class="title">${data.title}</h1>
64           <h2>${data.id}</h2>
65           <p>Resize the browser window to see this page is responsive by the way</p>
66         </header>
67         <main>
68           <h1>${data.id}</h1>
69           
70         </main>
71       `
72     })
73   }}()
74 </script>
75 </body>
76 </html>
```

Ex5-OUTPUT:

Name	
Category	
Price	
Add	



150 x 150



150 x 150



150 x 150



150 x 150

accusamus beatae ad
facilis cum similique
qui sunt
Album id: 1 reil
Category: 1
[see](#)

reprehenderit est
deserunt velit ipsam
Album id: 1 reil
Category: 1
[see](#)

officia porro iure quia
iusto qui ipsa ut modi
Album id: 1 reil
Category: 1
[see](#)

culpa odio esse rerum
omnis laboriosam
voluptate repudiandae
Album id: 1 reil
Category: 1
[see](#)



150 x 150



150 x 150



150 x 150



150 x 150

natus nisi omnis
corporis facere

accusamus ea aliquid
et amet sequi nemo

officia delectus
consequatur vero aut

aut porro officiis
laborum odit ea

mollitia soluta ut rerum eos aliquam consequatur perspiciatis maiores

12

Resize the browser window to see this page is responsive by the way

12

