Task1

Demo: https://screenrec.com/share/YwHUQWMtXs

```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>Document</title>
7       <script src="./node_modules/jquery/dist/jquery.min.js"></script>
8       <script src="./node_modules/jquery-ui/dist/jquery-ui.min.js"></script>
9        <style>
10       img{
11         border-radius: 50%;
12       }
13       </style>
14  </head>
15  <body>
16      <div id="draggable" class="ui-widget-content">
17          <img src="./download (2) - Shortcut.lnk" id="img1">
18      </div>
19
20      <div id="droppable" class="ui-widget-header">
21          <img src="./blackhole.jpg" id="img2">
22      </div>
23
24      <script>
25        $(document).ready(function() {
26
27          $("#img1").effect("shake",{ times: 5 },8000);
28
29          $("#draggable").draggable({
30
31          })
32          $("#droppable").droppable({
33            drop: function(event, ui) {
34
35              $("#draggable").hide("fade", 1000);
36            }
37          });
38        });
39      </script>
40  </body>
41  </html>
```

```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>Document</title>
7       <script src="npm\node_modules\jquery\dist\jquery.min.js"></script>
8   </head>
9   <body>
10  <form id="getDataForm">
11      <input type="text" id="inputId" name="inputId" required>
12      <button type="submit">Get Data</button>
13  </form>
14  <div id="result">
15
16  </div>
17  <script>
18    $(function(){
19        $("#getDataForm").submit(function(event){
20
21        event.preventDefault();
22
23
24        var id = $("#inputId").val();
25
26
27        $.ajax({
28          url:"https://dummyjson.com/products"+"/"+id,
29          success: function(data) {
30
31            console.log("API Response:", data);
32
33            $("#result").html(`
34            <div class="tile">
35              <h2>${data.title}</h2>
36              <p>${data.description}</p>
37              <img src="${data.imageURL}" alt="${data.title}">
38            </div>
39            `);
40        },
41          error: function(error) {
42            console.error("Error fetching data:", error);
43          }
44        });
45      });
46    });
47  </script>
48  </body>
49  </html>
```

Demo: https://screenrec.com/share/oTdkSExWzK

```
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>API Fetch with jQuery</title>
7     <script src="npm/node_modules/jquery/dist/jquery.min.js"></script>
8   </head>
9   <body>
10      <div id="data">
11
12      </div>
13  <script>
14    $(function(){
15      $.ajax({
16        url:"https://dummyjson.com/products",
17        dataType: 'json',
18        success: function(res){
19          console.log("API Response:", res)
20          const products = res.products;
21
22          for(let i = 0; i < products.length; i++){
23            const product = products[i];
24            const firstImage = product.images[0];
25
26  $("#data").append(
27    `<div>
28      <h2>${product.title}</h2>
29      <p>${product.description}</p>
30      <img src="${firstImage}" alt="${product.title}">
31    </div>`
32  );
33  }
34  },
35      error: function (error) {
36        console.log('Error fetching data:', error);
37      }
38    })
39    })
40  </script>
41
42  </body>
43  </html>
44
```