```
1    $(document).ready( function(){
2      $("#dropdown-button").click(function(){
3        $("#dropdown-icon").toggleClass("fa-caret-square-down")
4        $("#dropdown-icon").toggleClass("fa-caret-square-up")
5      });
6    });
7
8
9
10   $(document).ready(function() {
11     $(window).keydown(function(event){
12       if(event.keyCode == 13) {
13         event.preventDefault();
14         return false;
15       }
16     });
17
18     let collectionOfTags = document.querySelector('.collection-of-tags');
19     let collectionOfTagsInput = document.querySelector('#tag-input');
20     let hiddenTagField = document.querySelector('#hidden-tag-list-value');
21     let tags = [];
22
23     set_value();
24
25     function set_value() {
26       if (hiddenTagField.value !== ''){
27         tags = hiddenTagField.value.split(',');
28         addTags();
29       }
30     }
31
32     function createTag(label){
33       let div = document.createElement('div');
34       div.setAttribute('class', 'tag-div');
35
36       let span = document.createElement('span');
37       span.innerHTML = label;
38
39       let icon = document.createElement('i');
40       icon.setAttribute('class', "fas fa-times-circle");
41       icon.setAttribute('id', "close-icon");
42       icon.setAttribute('data-item', label)
43
44       div.appendChild(span);
45       div.appendChild(icon);
46       return div;
47     }
48
49     function reset() {
50       document.querySelectorAll('.tag-div').forEach(function(t){
51         t.parentElement.removeChild(t);
52       })
53     }
54
55     function addTags() {
56       reset();
57       tags.forEach(function(tag){
58         let new_tag = createTag(tag);
59         collectionOfTags.appendChild(new_tag);
60       })
61       setHiddenField();
62     };
63
64     collectionOfTagsInput.addEventListener('keyup', function(e){
65       if ( e.key === 'Enter'){
66         let new_tags = collectionOfTagsInput.value.split(" ")
67         console.log(new_tags);
68         new_tags.forEach(function (item){
69           tags.push(item);
```

```
        })
        addTags();
        collectionOfTagsInput.value = '';
      }
    });

    document.addEventListener('click', function(e){
      if (e.target.tagName === "I"){
        var value = e.target.getAttribute('data-item');
        let index = tags.indexOf(value);
        tags = [...tags.slice(0,index),...tags.slice(index+1)];
        addTags();
      }
    });

    function setHiddenField(){
      hiddenTagField.value = tags.join(', ');
    }
});
```