

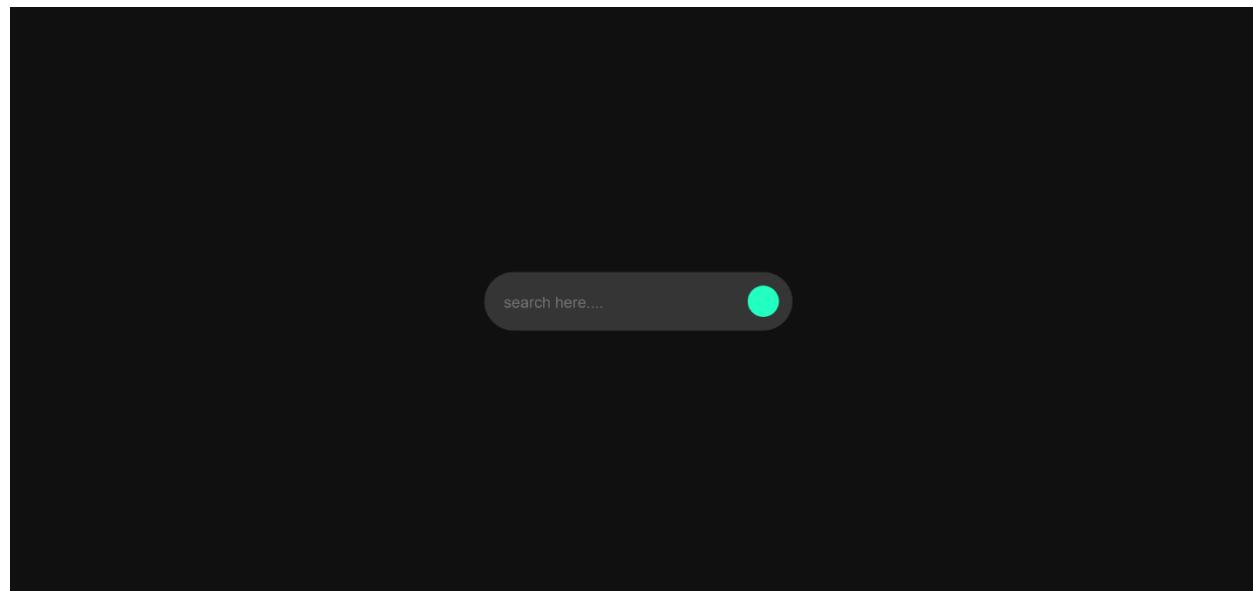
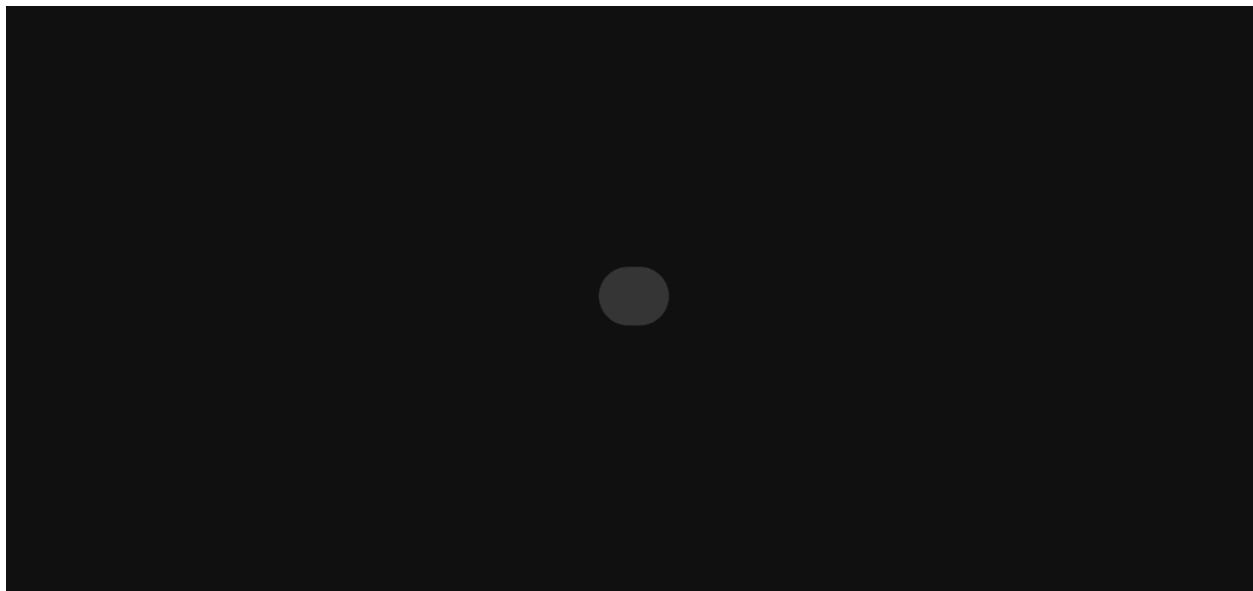
Expanding Search bar Animation:

```
index.html > html > style > .search-input
1  <html>
2    <head></head>
3    <style>
4    * {
5      margin: 4px;
6      box-sizing: border-box;
7    }
8
9  body {
10    background: #101010;
11  }
12
13 .search-box {
14   position: absolute; /* Used to place the bar in the middle */
15   top: 50%;
16   left: 50%;
17   transform: translate(-50%, -50%); /*transform: rotate(...) -- used to transform*/
18   height: 60px;
19   background: #353535;
20   line-height: 40px;
21   padding: 10px;
22   border-radius: 60px;
23   cursor: pointer; /* changes to pointer cursor when hovered over the search bar */
24 }
25
```

```
index.html > html > style > .search-input
26 .search-input{
27   background: #353535;
28   color: #ffff;
29   outline: none;
30   border: none;
31   line-height: 40px;
32   width: 0px;
33   float: left;
34   font-size: 1em;
35   transition: 0.5s ease;
36 }
37
38 .search-btn{
39   display: flex;
40   justify-content: center;
41   align-items: center;
42   text-decoration: none;
43   background: #353535;
44   padding: 12px;
45   border-radius: 50%;
46   float: right;
47   color: #22ffcc0;
48   transition: 0.4s ease;
49 }
```

```
index.html > html > style > .search-input
50
51 .search-box:hover> .search-input,
52 .search-input:focus {
53   width: 240px;
54   margin: 0px 8px;
55 }
56
57 .search-box:hover> .search-btn,
58 .search-input:focus + .search-btn {
59   background: #22ffcc0;
60   color: #101010;
61 }
62 </style>
63 <body>
64 <div class="search-box">
65   <input type="text" placeholder="search here...."
66   class="search-input"/>
67
68   <a href="#" class="search-btn">
69     |   <i class="fas fa-search"></i>
70   </a>
71 </div>
72 </body>
73 </html>
```

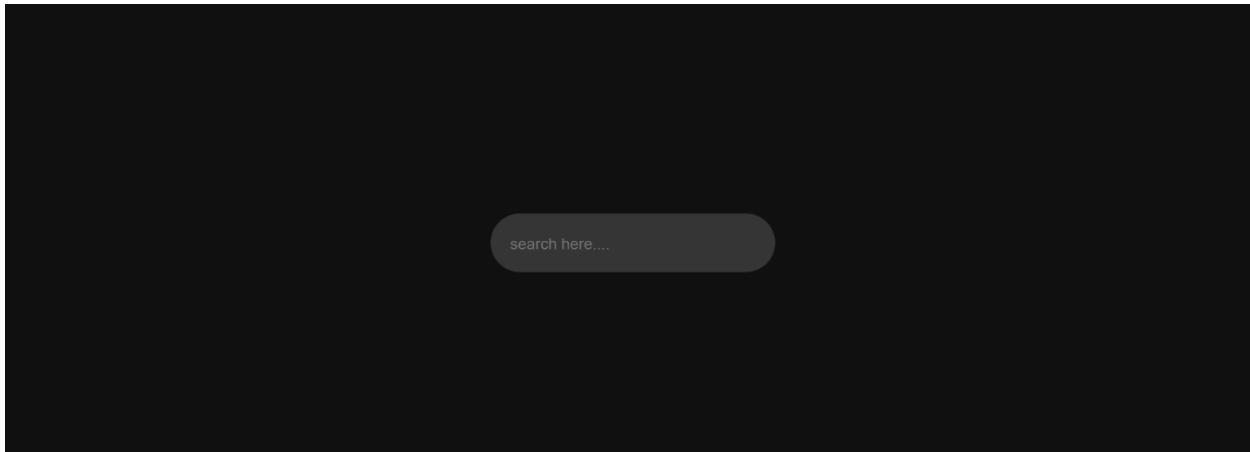
Out Put:



If,

```
.search-btn{  
    display: flex;  
    justify-content: center;  
    align-items: center;  
    text-decoration: none;  
    background: #353535;  
    padding: 12px;  
    border-radius: 50%;  
    float: right;  
    color: #22ffc0;  
    transition: 0.4s ease;  
}
```

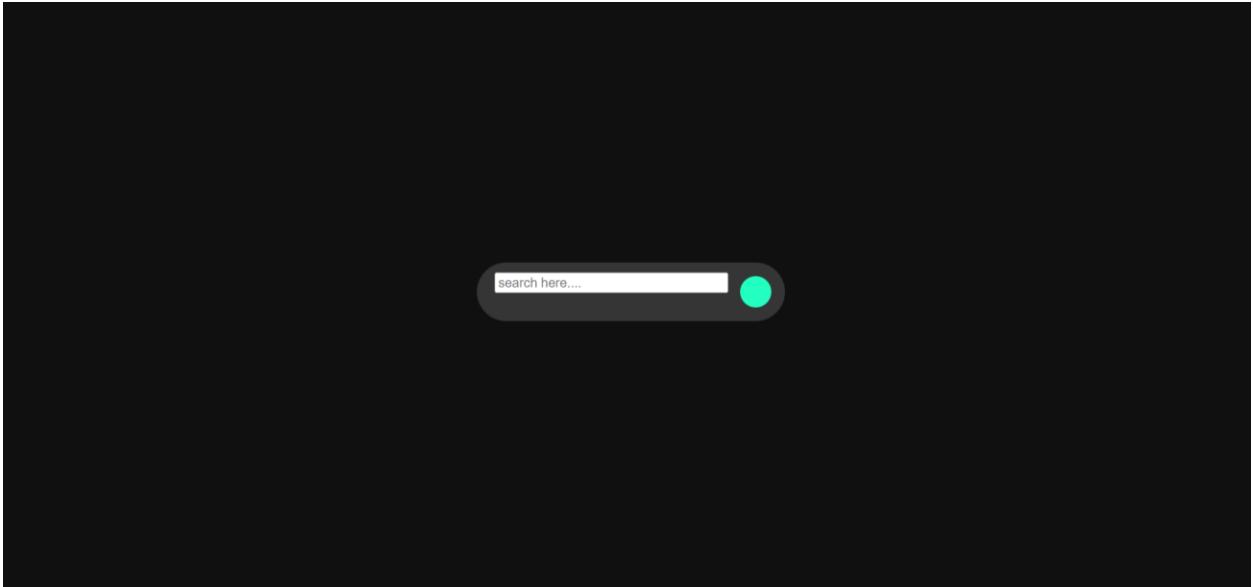
This piece of code is commented then the output will be,



If,

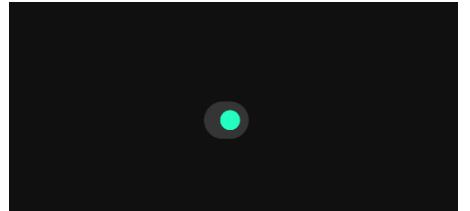
```
.search-input{  
    background: #353535;  
    color: #fff;  
    outline: none;  
    border: none;  
    line-height: 40px;  
    width: 0px;  
    float: left;  
    font-size: 1em;  
    transition: 0.5s ease;  
}
```

This piece of code is commented then,



If,

```
.search-box:hover > .search-input,  
.search-input:focus {  
    width: 240px;  
    margin: 0px 8px;  
}
```



This piece of code is commented then, the bar wont expand when hovered.

This is the way to create an expanding Search Bar using css.

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