

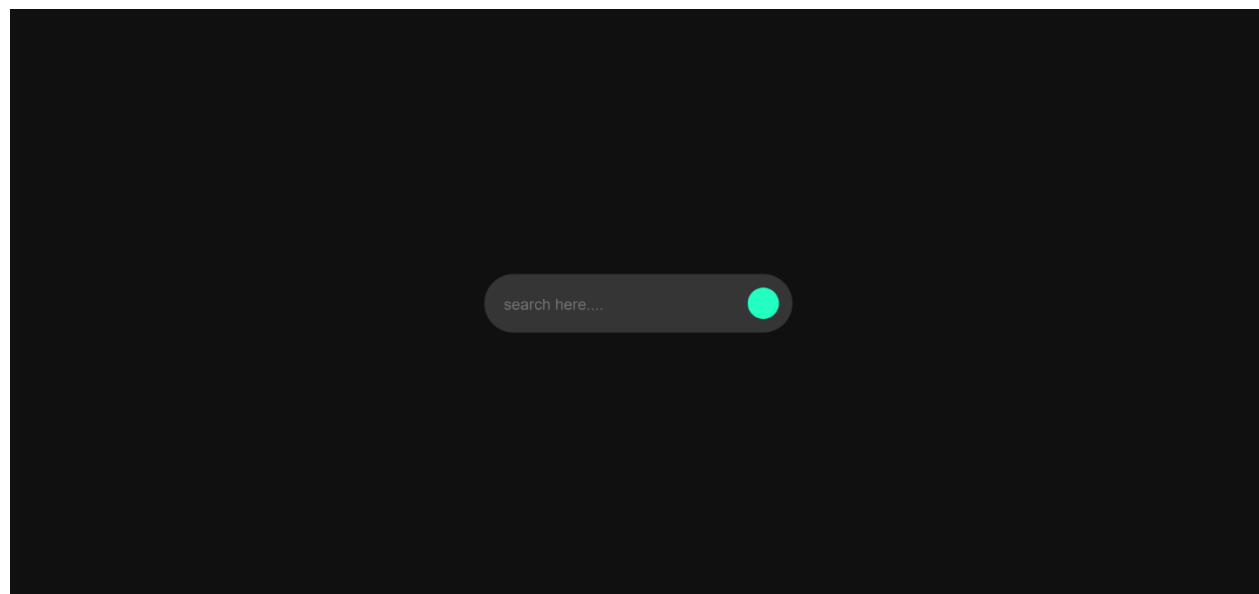
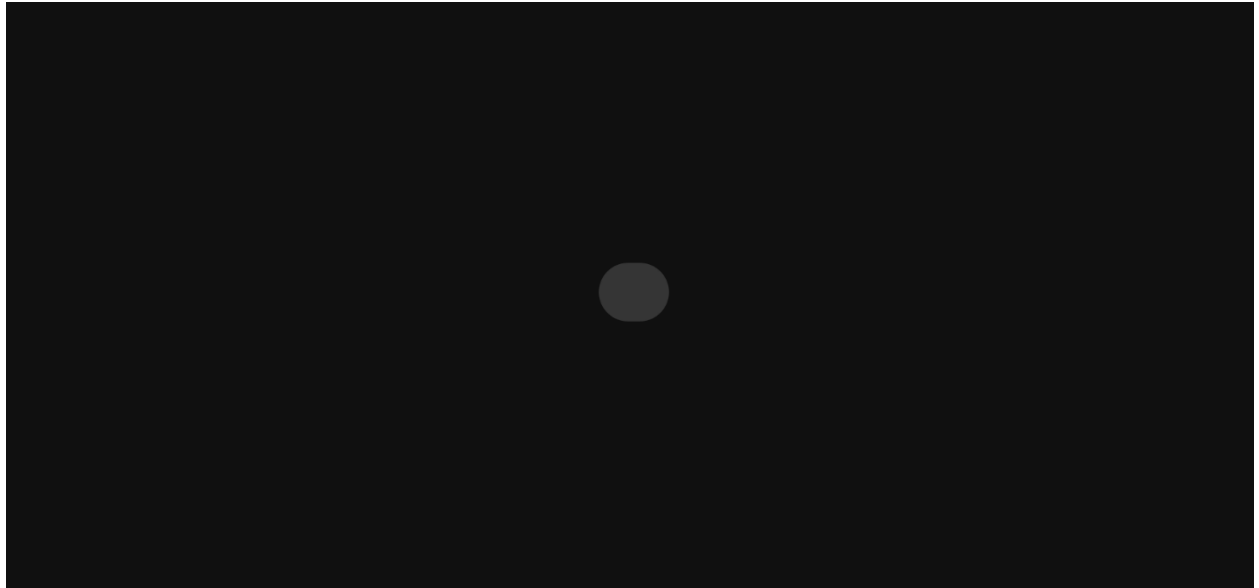
## Expanding Search bar Animation:

```
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: #fff;
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: #22ffc0;
48     transition: 0.4s ease;
49 }
50
```

```
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: #22ffc0;
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>
```

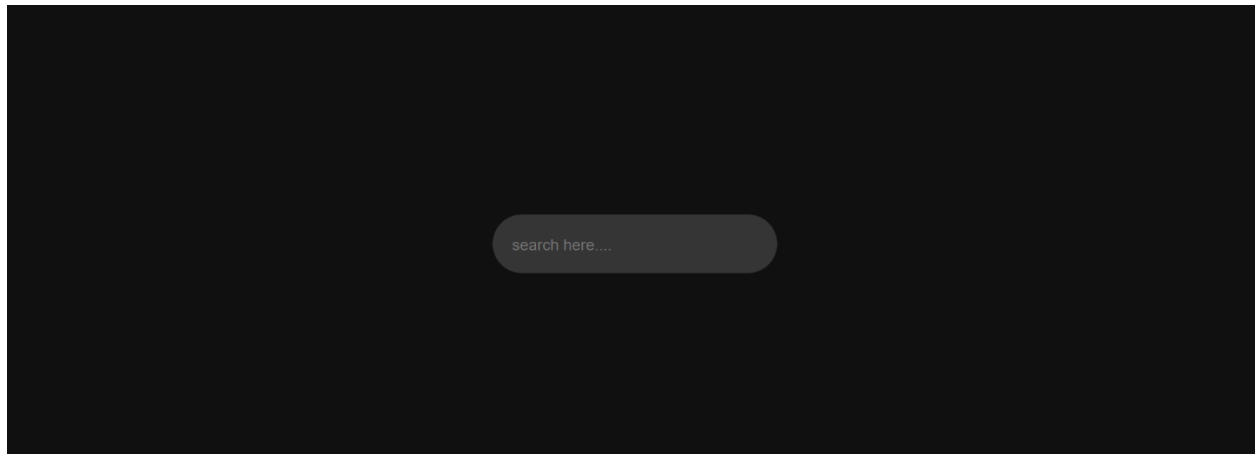
Out Put:



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;
}
```

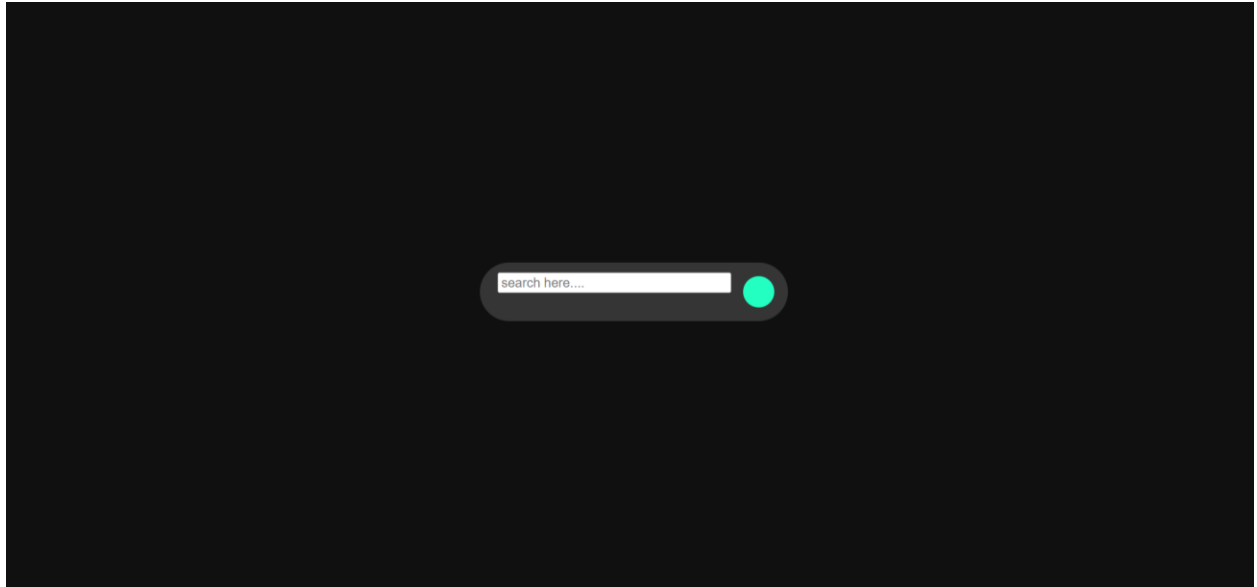
This piece of code is commented then the output will be,



If,

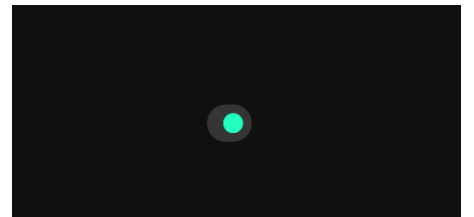
```
.search-input{
  background: #353535;
  color: #fff;
  outline: none;
  border: none;
  line-height: 40px;
  width: 0px;
  float: left;
  font-size: 1em;
  transition: 0.5s ease;
}
```

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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