

```
1  import { Injectable } from '@angular/core';
2
3  @Injectable()
4  export class BrowserDetectorService {
5
6      constructor() {
7      }
8
9      // return IE version number or false
10     detectIE() {
11         var ua = window.navigator.userAgent;
12
13         var msie = ua.indexOf('MSIE ');
14         if (msie > 0) {
15             // IE 10 or older => return version number
16             return parseInt(ua.substring(msie + 5, ua.indexOf('.', msie)), 10);
17         }
18
19         var trident = ua.indexOf('Trident/');
20         if (trident > 0) {
21             // IE 11 => return version number
22             var rv = ua.indexOf('rv:');
23             return parseInt(ua.substring(rv + 3, ua.indexOf('.', rv)), 10);
24         }
25
26         var edge = ua.indexOf('Edge/');
27         if (edge > 0) {
28             // Edge (IE 12+) => return version number
29             return parseInt(ua.substring(edge + 5, ua.indexOf('.', edge)), 10);
30         }
31
32         // other browser
33         return false;
34     }
35
36 }
37
```