


```


17     lo = bisect_left(a, x, lo, hi);
18     a.splice(lo, 0, x);
19 }
20 function bisect_left(a, x, lo = 0, hi = null) { // >= lower_bound
21     if (lo < 0) throw new Error('lo must be non-negative');
22     if (hi == null) hi = a.length;
23     while (lo < hi) {
24         let mid = parseInt((lo + hi) / 2);
25         a[mid] < x ? lo = mid + 1 : hi = mid;
26     }
27     return lo;
28 }
29 }
30
31 const bestClosingTime = (s) => {
32     let n = s.length, a = [], b = [], d = [], bi = new Bisect();
33     for (let i = 0; i < n; i++) s[i] == 'Y' ? a.push(i) : b.push(i);
34     for (let j = 0; j <= n; j++) {
35         let leftN = bi.bisect_right(b, j - 1);
36         let rightY = a.length - bi.bisect_left(a, j);
37         let cnt = leftN + rightY;
38         d.push([cnt, j]);
39     }
40     d.sort((x, y) => {
41         if (x[0] != y[0]) return x[0] - y[0];
42         return x[1] - y[1];
43     })
44     return d[0][1]
45 };

```

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