

Hamming Distance (/problems/hamming-distance/)

Submission Detail

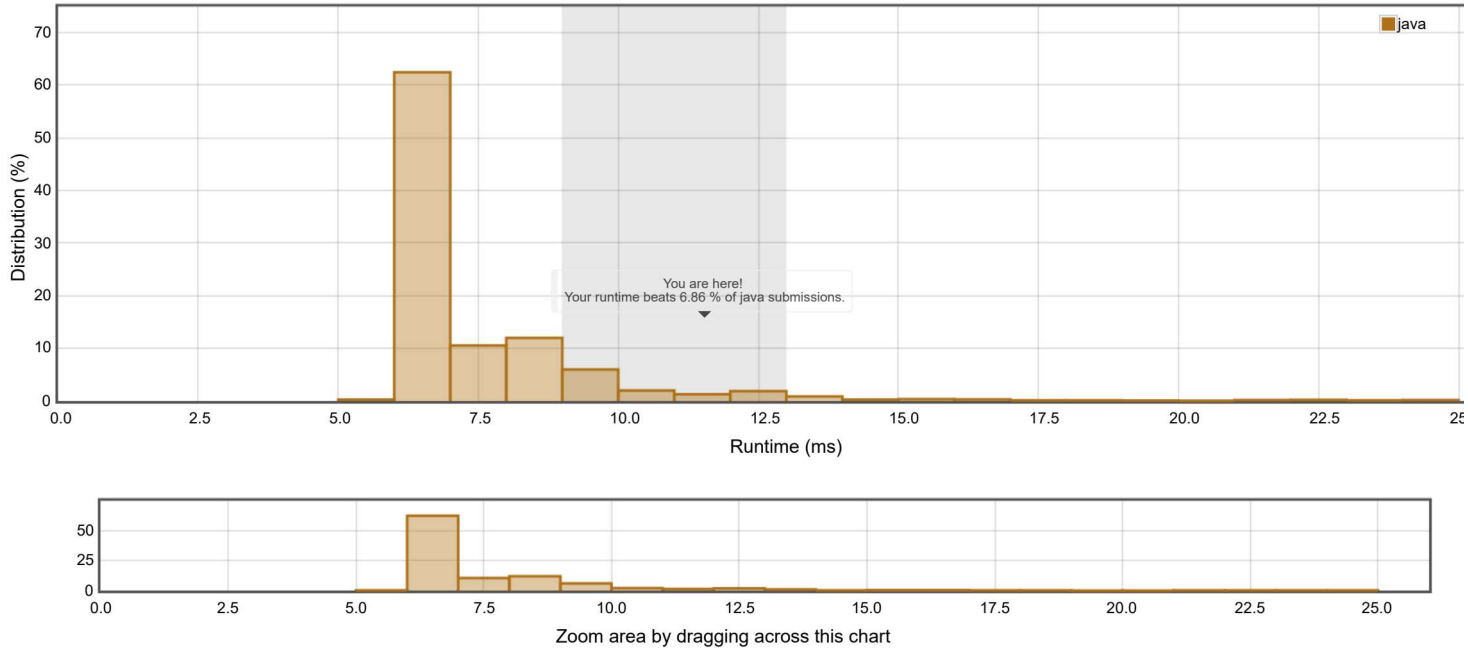
149 / 149 test cases passed.

Runtime: 11 ms

Status: Accepted

Submitted: 1 month, 1 week ago

Accepted Solutions Runtime Distribution



Invite friends to challenge **Hamming Distance**

Submitted Code: 1 month, 1 week ago

Language: java

Edit Code


```
1 class Solution {
2     public int hammingDistance(int x, int y) {
3         String str1="";
4         String str2="";
5         int count=0;
6         while(x>=1){
7
8             if(x%2==0){
9                 str1='0'+str1;
10
11             }else{
12                 str1='1'+str1;
13             }
14             x=x/2;
15         }
16         while(y>=1){
17
18             if(y%2==0){
19                 str2='0'+str2;
20
21             }else{
22                 str2='1'+str2;
23             }
24             y=y/2;
25         }
26         int j=str1.length()-1;
27         int k=str2.length()-1;
28         while(j>=0 || k>=0){
29             if(k < 0){
```

```
30         if(str1.charAt(j)=='1'){
31             count++;
32         }
33         j--;
34     }else if(j < 0){
35
36         if(str2.charAt(k)=='1'){
37             count++;
38         }
39         k--;
40     }else{
41         if(str1.charAt(j) != str2.charAt(k)){
42             count++;
43         }
44
45         j--;
46         k--;
47     }
48 }
49
50 }
51
52 return count;
53
54
55 }
56 }
```

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