

The aaaabbbcca problem

I read a post recently by a software developer that ‘most candidates cannot solve this interview problem’:

Input: “aaaabbbcca”

Output: [(“a”,4),(“b”,3),(“c”,2),(“a”,1)]

J solution:

```
>({. ; #) each {{y <;.1~ 1, ~:/"1] 2 ]\ a. i. y}} 'aaaabbbcca'
```

a	4
b	3
c	2
a	1