

Programmer- Application

We're happy that you've applied to work at Century Interactive! Based on everything we've seen, you seem like a great candidate. Think you've got what it takes to make it to the next level?

Answer the following question and coding puzzle, and reply back when finished!

Part 1:

- Tell me about an application that impresses you as a developer and explain why.

Part 2:

Write JavaScript that outputs the numbers from 1 to 100.

Rules:

- If the number is odd, output the number followed by "!"
- If 16 is a factor of the number, output "Sixteen times " and the other factor of that number.
- After outputting all of the numbers, provide a count of (1) odd numbers, and (2) numbers that have 16 as a factor.

You can develop and run locally in your browser, or you can use a platform like jsfiddle.net.

Sample output of 1 to 20:

```
1!  
2  
3!  
4  
5!  
6  
7!  
8  
9!  
10  
11!  
12  
13!  
14  
15!  
Sixteen times 1  
17!  
18  
19!  
20
```

Odd numbers: 10

Factor 16: 1