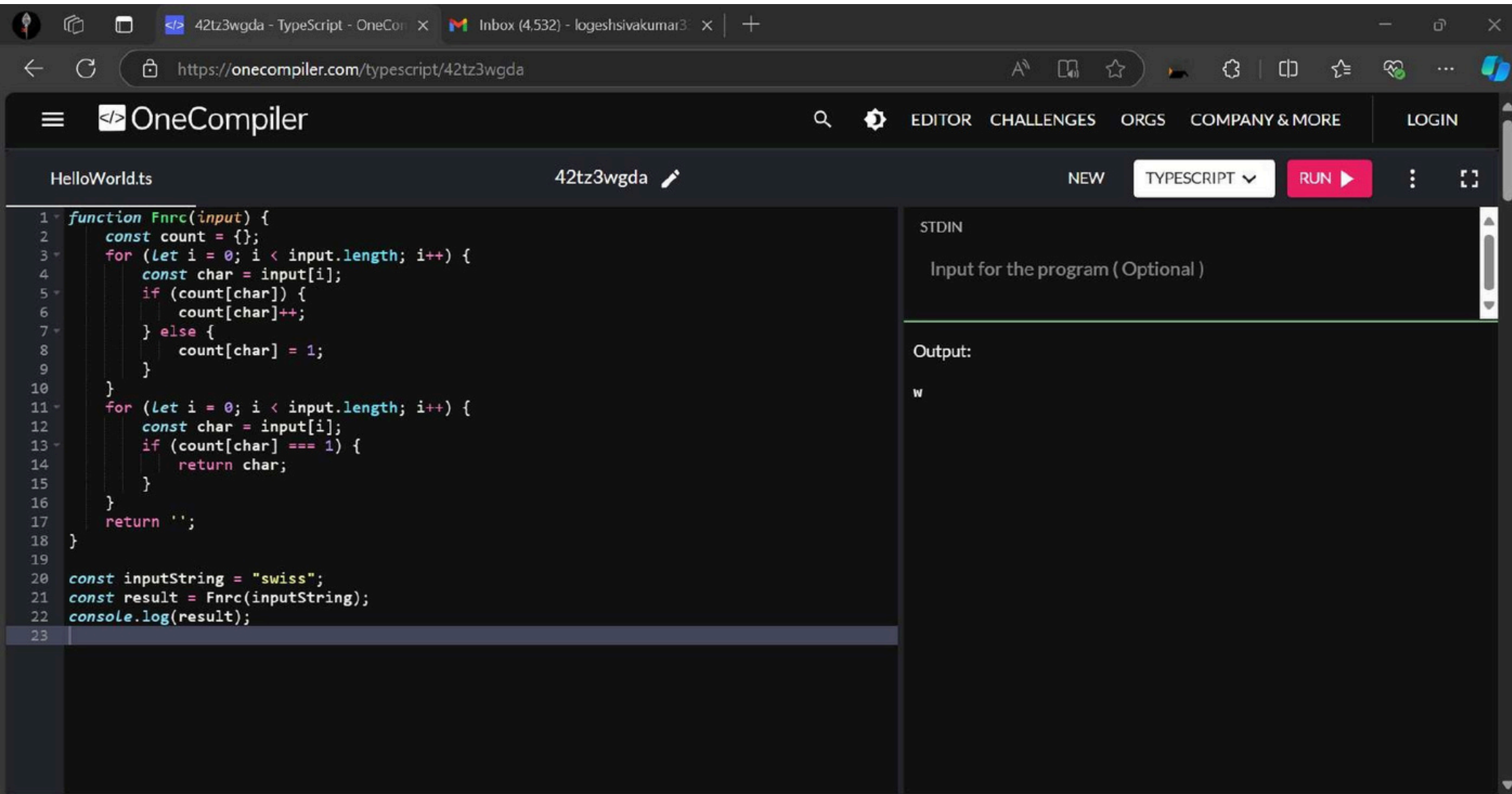


Find the First Non-Repeating Character Write a program to find the first non-repeating character in a string. For input "swiss", the output should be "w". You cannot use any built-in string or character frequency counting functions. Instructions: Implement manual string traversal and counting logic to solve the problem.



The screenshot shows a web browser window with the OneCompiler website. The browser's address bar shows the URL `https://onecompiler.com/typescript/42tz3wgda`. The OneCompiler interface includes a top navigation bar with a search icon, a settings icon, and links for EDITOR, CHALLENGES, ORGS, COMPANY & MORE, and LOGIN. Below the navigation bar, the editor is titled "HelloWorld.ts" and "42tz3wgda". The code editor contains the following TypeScript code:

```
1 function Fnrc(input) {  
2   const count = {};  
3   for (let i = 0; i < input.length; i++) {  
4     const char = input[i];  
5     if (count[char]) {  
6       count[char]++;  
7     } else {  
8       count[char] = 1;  
9     }  
10  }  
11  for (let i = 0; i < input.length; i++) {  
12    const char = input[i];  
13    if (count[char] === 1) {  
14      return char;  
15    }  
16  }  
17  return '';  
18 }  
19  
20 const inputString = "swiss";  
21 const result = Fnrc(inputString);  
22 console.log(result);  
23
```

On the right side of the editor, there is a panel with two sections: "STDIN" and "Output:". The "STDIN" section has a label "Input for the program (Optional)" and is currently empty. The "Output:" section displays the result of the program execution, which is the character "w".

```
1 function Fnrc(input) {
2   const count = {};
3   for (let i = 0; i < input.length; i++) {
4     const char = input[i];
5     if (count[char]) {
6       count[char]++;
7     } else {
8       count[char] = 1;
9     }
10  }
11  for (let i = 0; i < input.length; i++) {
12    const char = input[i];
13    if (count[char] === 1) {
14      return char;
15    }
16  }
17  return '';
18 }
19
20 const inputString = "aabbcd";
21 const result = Fnrc(inputString);
22 console.log(result);
23
```

STDIN

Input for the program (Optional)

Output:

c

42tz3wgda - TypeScript - OneCompiler

Inbox (4,533) - logeshsivakumar3

+

https://onecompiler.com/typescript/42tz3wgda

OneCompiler

EDITOR

CHALLENGES

ORGS

COMPANY & MORE

LOGIN

HelloWorld.ts

42tz3wgda

NEW

TYPESCRIPT

RUN

⋮

⌕

1 function Fnrc(input) {
2 const count = {};
3 for (let i = 0; i < input.length; i++) {
4 const char = input[i];
5 if (count[char]) {
6 count[char]++;
7 } else {
8 count[char] = 1;
9 }
10 }
11 for (let i = 0; i < input.length; i++) {
12 const char = input[i];
13 if (count[char] === 1) {
14 return char;
15 }
16 }
17 return '';
18 }
19
20 const inputString = "lol";
21 const result = Fnrc(inputString);
22 console.log(result);
23

STDIN

ctrl+enter

Input for the program (Optional)

Output:

o