



```
public static String longestUniqueSubString(String input) {  
    Map<Character, Integer> map = new HashMap<Character, Integer>();  
    String result = "";  
    for (int i = 0; i < input.length(); i++) {  
        if (map.containsKey(input.charAt(i))) {  
            int j = map.get(input.charAt(i));  
            result = input.substring(0, j);  
            map.put(input.charAt(i), i);  
        } else {  
            map.put(input.charAt(i), i);  
            result = input.substring(0, i + 1);  
        }  
    }  
    return result;  
}
```

Calling all code-breakers and puzzle solvers: together, we secure the future of the firm and our clients.

Join us for the second edition of **Ethical Hacking workshop** and take the first step towards career in Cybersecurity!

Goldman Sachs invites students and graduates for the **online Ethical Hacking interactive workshop** with **Immersive Labs**. During this week-long challenge, you will:

- Learn **exploitation techniques** used by security researchers and white hats
- Discover how application owners can **defend against those attacks**
- Take on a variety levels of challenges leveraging **Goldman Sachs Immersive Labs interactive platform**
- Practice and execute many exploitation techniques used in everyday life of a penetration tester including **SQL Injection, Cross Site Scripting, Remote Code Execution** and many others
- Experience firsthand what it means to own a computer system through successful exploitation of vulnerabilities

### Workshop details

Monday, 15 March 2021 - Friday, 19 March 2021

- Workshop will begin with **1,5-hour introduction meeting on Monday**, when you will have an opportunity to network and learn from leading security experts in the industry and get first hand input on what it's like to be a pentester at Goldman Sachs
- You will then get **free access to Immersive Labs platform** to complete a number of challenges and compete with others until Friday

Sign up by **10 March** and have a chance to win headphones, speakers and e-book readers!

**Make things possible.**

Registration and application info  
[recruiting360.avature.net/candidates](https://recruiting360.avature.net/candidates)  
Search for: Ethical Hacking workshop

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