



```

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

```

Join us for an Evening with Quantitative Strategists and hear from Model Risk Management and Credit Risk Strats Teams!

This is where you will see the whole new, interesting world, where technology and finance crosses each other - so called *FinTech*.

During this event, we will cover two topics:

Quantitative models at the heart of Gamestop saga - The workshop will introduce quantitative models for option pricing based on recent example of Gamestop rally. We will explore key modeling choices and show how these can lead to different valuations, and as a result different hedging performance during volatile markets. Lastly, we will describe how market makers hedge against market moves and how Gamma squeeze can happen.

Algorithmic Adjoint Differentiation and Application in Finance - We'll talk about AAD (Algorithmic Adjoint Differentiation) methodology and its implementation in Finance. We'll start with an overview of the history of AAD and give an introductory example of applying it to Black Scholes using manual adjoint differentiation. The generalized method, which is Algorithmic Adjoint Differentiation will be covered subsequently. Finally the session ends with the application of AAD in finance.

Workshop details

Wednesay, 7 April 2021

16:00 - 18:30 CET

Zoom meeting

Sign up by 28 March and have a chance to win Apple AirPods!

Make things possible.

Registration and application info

recruiting360.avature.net/candidates

Find: Evening with Quantitative Strategists

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