

Software Developer Position Interview Questions

Interview Details

Company Name: Daktari Media Africa: Date: 28/05/2024 Time: 10:00 AM
Interviewer
Name: John Mwangi, Peter Njau, Haron Taiko

Questions. (Answer two of the three questions)

Question #1: Write a function that reverses a string. The input string is given as an array of characters `s`.

Example

Input: `s = ["h","e","l","l","o"]`

Output: `["o","l","l","e","h"]`

Notes: Use the most preferred language, hint: ***The entire logic for reversing a string is based on using the opposite directional two-pointer approach!***

Question #2: Given an integer `n`, return *the number of prime numbers that are strictly less than n*.

Input: `n = 10`

Output: `4`

Explanation: There are 4 prime numbers less than 10, they are 2, 3, 5, 7.

Notes: Use the most preferred language, hint: ***Checking all the integers in the range `[1, n - 1]` is not efficient. Think about a better approach.***

Question #3: What is the difference between margin and padding in CSS, and how do they affect the layout of elements?