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| **Interviewer:** | | Naufal Said | | | **Date of Interview:** | | July 21, 2020 (1 hour) | | |
| **Candidate Name:** | | Fang Hsien Li | | | **Applied Position:** | | Enterprise Imaging Team, Intermediate Developer (SDE-2) | | |
| **Recommendation:** | | Fit position: , Not fit applied position but may fit others: , Reject | | | | | | | |
| **Overall:** His coding skill likes a junior engineer, not a senior engineer. He unable solve questions without explanation and hint. | | | | | | | | | |
| **Scale:** | **5** – Excellent | | **4** – Strong | **3** – Average | | **2** – Weak | | | **1** – None |
| **Coding Test/Assessment** | | | | | | | | **Rating** | |
| **Q:**  Given one integer  for each digit in this integer, print “foo”+digit as output  for example, input: 2278 => output “foo2foo2foo7foo8”.  Don’t use String object  A:  function fn(input){  let res =""  let resArr = []  while (input>0){  let add = input % 10  resArr.push(add)  input = Math.floor(input / 10)  }  resArr.reverse().forEach(element => {  res=res+"foo"+element  });  console.log(res)  }  **Assessment:**   |  |  |  |  | | --- | --- | --- | --- | | **Items** | **Check** | **Items** | **Check** | | Use of modulo | Ö | Use of StringBuilder | Ö |   **Comments:** 11 minutes solve the question and need to explanation first to understand. | | | | | | | | 2 | |
| **Q:**  Write a code program to check the second largest number among four given integers.  Sample Input:  1,2,3,4  1,3,2,4  1,1,1,1  1,2,2,1  Expected Output:  3  3  1  2  **A:**  function fn(input){  let \_1st = 0  let \_2nd = 0  input.forEach((i)=>{  if(i>=\_2nd){  \_2nd=i  }  if(i>=\_1st){  \_2nd=\_1st  \_1st=i  }  })  console.log(\_2nd)  }  **Assessment:**   |  |  | | --- | --- | | **Items** | **Rating**  **(1-5)** | | Simplicity | 3 |   **Comments**: more than 20 minutes the question and need to hint to solve it. | | | | | | | | 2 | |