Accenture Sections	Information	Questions and Time
Cognitive Ability	• English Ability • Critical Thinking and Problem Solving • Abstract Reasoning	50 Ques in 50 mins
Technical Assessment	• Common Application and MS Office • Pseudo Code • Fundamental of Networking, Security and Cloud	40 Ques in 40 mins
Coding Round	• C • C++ • Dot Net • JAVA • Python	2 Ques in 45 mins

DEBUG WITH SHUBHAM

Accenture Technical Assessment Detailed Overview

21-SEP-2024 Coding Question


https://www.youtube.com/@DebugWithShubham

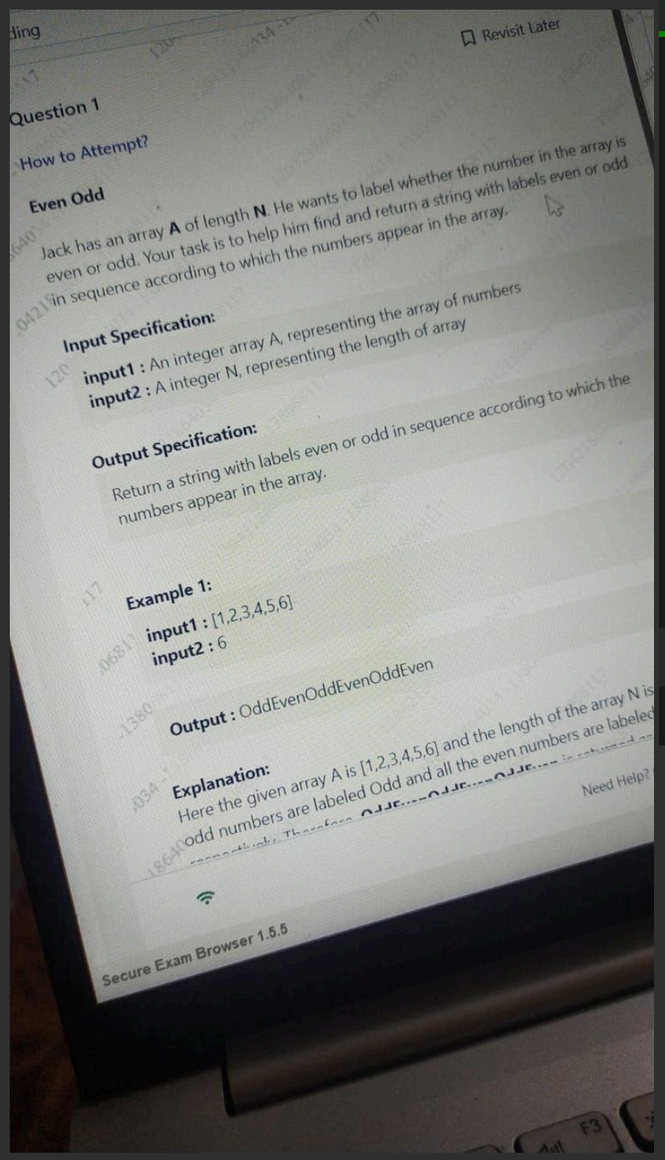

https://www.linkedin.com/in/debugwithshubham/


https://www.instagram.com/debugwithshubham/


https://topmate.io/debugwithshubham


https://t.me/debugwithshubham

Question-1



Python

main.py

```python
arr= [1,2,4,4]
n = 4
ans = ""
for i in range(n):
    if arr[i] % 2 ==0 :
        ans += "Even"
    else:
        ans += "Odd"
print(ans)

```

JAVA

Main.java

```java
public class Main {
    public static void main(String[] args) {
        int[] arr = {1, 2, 4, 4};
        int n = 4;
        String ans = "";
        for (int i = 0; i < n; i++) {
            if (arr[i] % 2 == 0) {
                ans += "Even";
            } else {
                ans += "Odd";
            }
        }
        System.out.println(ans);
    }
}

```

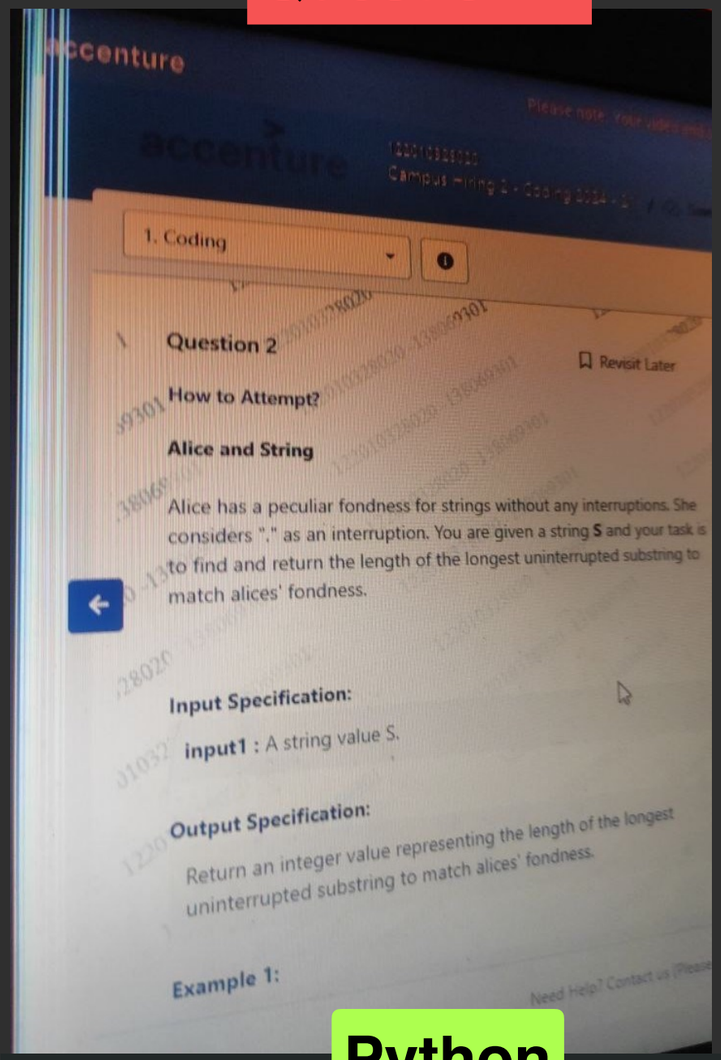
C++

main.cpp

```cpp
public class Main {
    public static void main(String[] args) {
        int[] arr = {1, 2, 4, 4};
        int n = 4;
        String ans = "";
        for (int i = 0; i < n; ++i) {
            if (arr[i] % 2 == 0) {
                ans += "Even";
            } else {
                ans += "Odd";
            }
        }
        System.out.println(ans);
    }
}

```

Question-2



With Split method

Python

main.py

```python
def longest_uninterrupted_substring(S):
    substrings = S.split('.')
    max_length = 0
    for substring in substrings:
        if len(substring) > max_length:
            max_length = len(substring)
    return max_length

S = "this.is.a.debugwithshubham"
output = longest_uninterrupted_substring(S)
print(output)

```

C++

main.cpp

```cpp
#include <iostream>
#include <string>
#include <vector>
#include <sstream>
using namespace std;
int longestUninterruptedSubstring(const string &S) {
    stringstream ss(S);
    string segment;
    int maxLength = 0;
    while (getline(ss, segment, '.')) {
        if (segment.length() > maxLength) {
            maxLength = segment.length();
        }
    }
    return maxLength;
}
int main() {
    string S = "this.is.a.debugwithshubham";
    int output = longestUninterruptedSubstring(S);
    cout << output << endl;
    return 0;
}

```

JAVA

Main.java

```java
public class Main {
    public static int longestUninterruptedSubstring(String S) {
        String[] substrings = S.split("\\.");
        int maxLength = 0;
        for (String substring : substrings) {
            if (substring.length() > maxLength) {
                maxLength = substring.length();
            }
        }
        return maxLength;
    }
    public static void main(String[] args) {
        String S = "this.is.a.debugwithshubham";
        int output = longestUninterruptedSubstring(S);
        System.out.println(output);
    }
}

```

Without Split

Python

main.py

```python
def longest_uninterrupted_substring(S):
    max_length = 0
    current_length = 0
    for char in S:
        if char == '.':
            max_length = max(max_length, current_length)
            current_length = 0
        else:
            current_length += 1
    max_length = max(max_length, current_length)
    return max_length
S = "this.is.a.debugwithshubham"
output = longest_uninterrupted_substring(S)
print(output)
```

JAVA

main.cpp

```cpp
#include <iostream>
#include <string>
#include <algorithm>
using namespace std;
int longestUninterruptedSubstring(const string &S) {
    int maxLength = 0;
    int currentLength = 0;
    for (char ch : S) {
        if (ch == '.') {
            maxLength = max(maxLength, currentLength);
            currentLength = 0;
        } else {
            currentLength++;
        }
    }
    maxLength = max(maxLength, currentLength);
    return maxLength;
}
int main() {
    string S = "this.is.a.debugwithshubham";
    int output = longestUninterruptedSubstring(S);
    cout << output << endl;
    return 0;
}
```

C++

Main.java

```java
public class Main {
    public static int longestUninterruptedSubstring(String S) {
        int maxLength = 0;
        int currentLength = 0;
        for (int i = 0; i < S.length(); i++) {
            if (S.charAt(i) == '.') {
                maxLength = Math.max(maxLength, currentLength);
                currentLength = 0;
            } else {
                currentLength++;
            }
        }
        maxLength = Math.max(maxLength, currentLength);
        return maxLength;
    }
    public static void main(String[] args) {
        String S = "this.is.a.debugwithshubham";
        int output = longestUninterruptedSubstring(S);
        System.out.println(output);  // Output: 13
    }
}
```