

Accenture Sections	Information	Questions and Time
Cognitive Ability	<ul style="list-style-type: none">English AbilityCritical Thinking and Problem SolvingAbstract Reasoning	50 Ques in 50 mins
Technical Assessment	<ul style="list-style-type: none">Common Application and MS OfficePseudo CodeFundamental of Networking, Security and Cloud	40 Ques in 40 mins
Coding Round	<ul style="list-style-type: none">CC++Dot NetJAVAPython	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

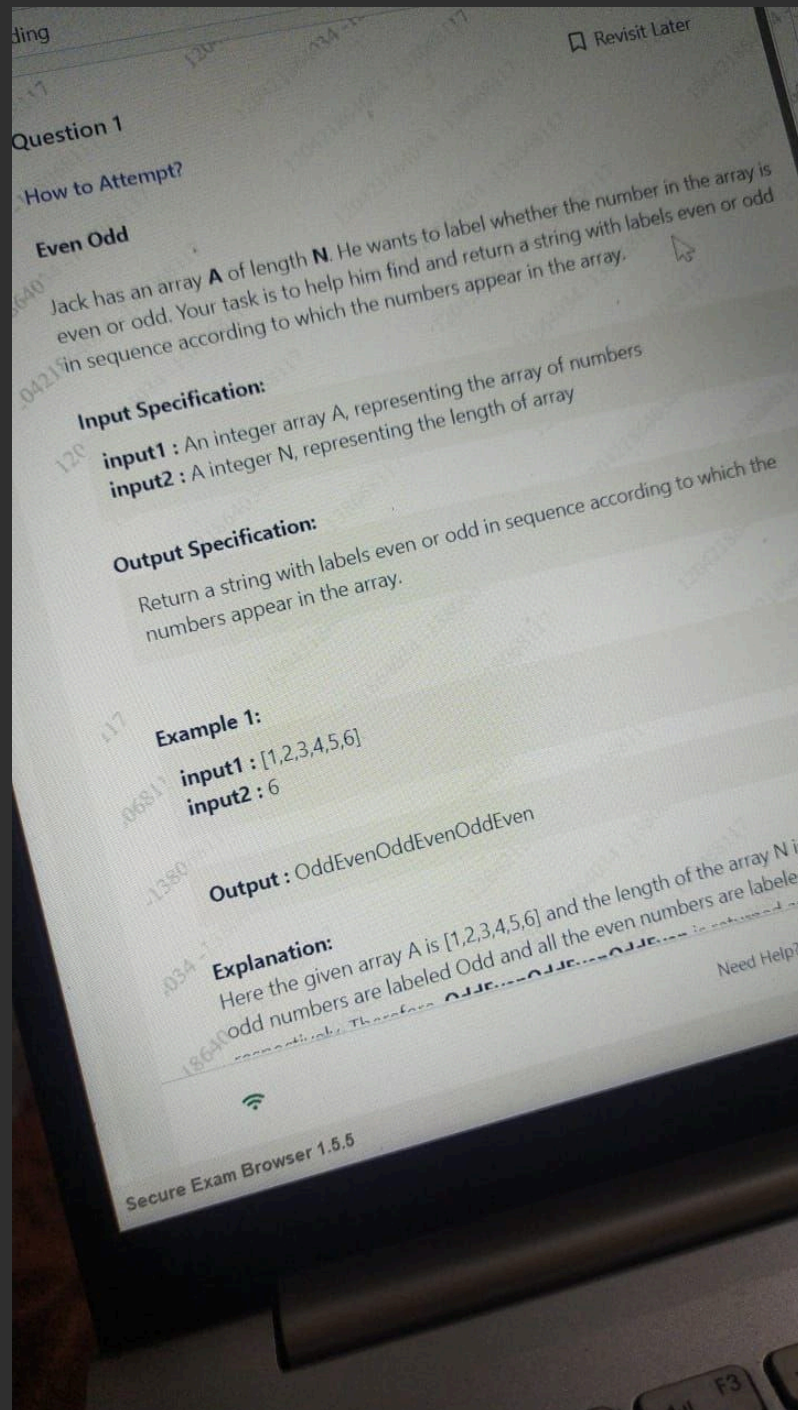
```
main.py +
1 arr= [1,2,4,4]
2 n = 4
3 ans = ""
4 for i in range(n):
5     if arr[i] % 2 == 0 :
6         ans += "Even"
7     else:
8         ans += "Odd"
9 print(ans)
10
11
```

JAVA

```
Main.java
1 public class Main {
2     public static void main(String[] args) {
3         int[] arr = {1, 2, 4, 4};
4         int n = 4;
5         String ans = "";
6         for (int i = 0; i < n; i++) {
7             if (arr[i] % 2 == 0) {
8                 ans += "Even";
9             } else {
10                 ans += "Odd";
11             }
12         }
13         System.out.println(ans);
14     }
15 }
16
```

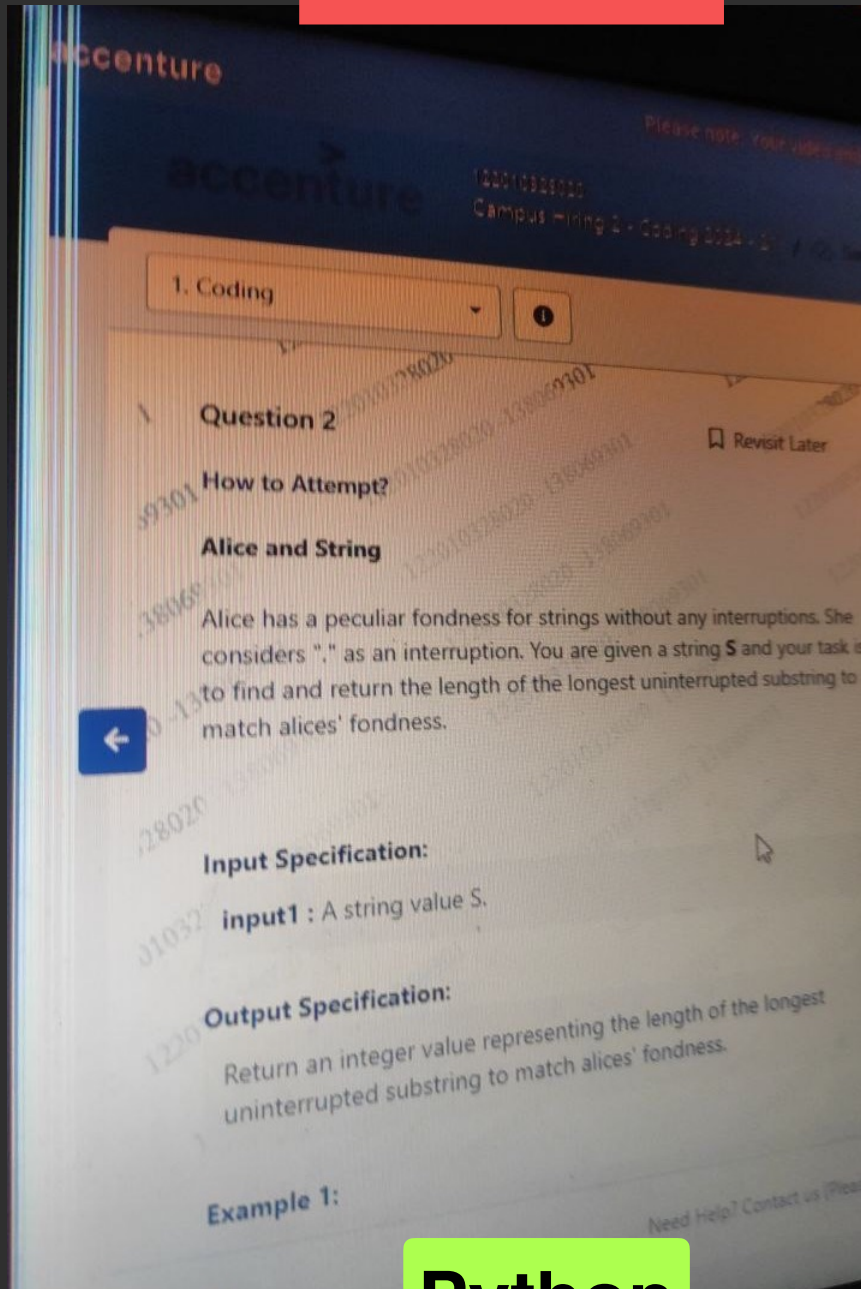
C++

```
main.cpp
1 public class Main {
2     public static void main(String[] args) {
3         int[] arr = {1, 2, 4, 4};
4         int n = 4;
5         String ans = "";
6         for (int i = 0; i < n; ++i) {
7             if (arr[i] % 2 == 0) {
8                 ans += "Even";
9             } else {
10                 ans += "Odd";
11             }
12         }
13         System.out.println(ans);
14     }
15 }
16
```



Question-2

With Split method



Python

main.py



```
1 def longest_uninterrupted_substring(S):
2     substrings = S.split('.')
3     max_length = 0
4     for substring in substrings:
5         if len(substring) > max_length:
6             max_length = len(substring)
7     return max_length
8
9 S = "this.is.a.debugwithshubham"
10 output = longest_uninterrupted_substring(S)
11 print(output)
12
```

C++

main.cpp

```
1 #include <iostream>
2 #include <string>
3 #include <vector>
4 #include <sstream>
5 using namespace std;
6 int longestUninterruptedSubstring(const string &S) {
7     stringstream ss(S);
8     string segment;
9     int maxLength = 0;
10    while (getline(ss, segment, '.')) {
11        if (segment.length() > maxLength) {
12            maxLength = segment.length();
13        }
14    }
15    return maxLength;
16 }
17 int main() {
18     string S = "this.is.a.debugwithshubham";
19     int output = longestUninterruptedSubstring(S);
20     cout << output << endl;
21     return 0;
22 }
23
```

JAVA

Main.java

```
1 public class Main {
2     public static int longestUninterruptedSubstring(String S) {
3         String[] substrings = S.split("\\.");
4         int maxLength = 0;
5         for (String substring : substrings) {
6             if (substring.length() > maxLength) {
7                 maxLength = substring.length();
8             }
9         }
10        return maxLength;
11    }
12    public static void main(String[] args) {
13        String S = "this.is.a.debugwithshubham";
14        int output = longestUninterruptedSubstring(S);
15        System.out.println(output);
16    }
17 }
18
```

Without Split

Python

main.py +

```
1 def longest_uninterrupted_substring(S):
2     max_length = 0
3     current_length = 0
4     for char in S:
5         if char == '.':
6             max_length = max(max_length, current_length)
7             current_length = 0
8         else:
9             current_length += 1
10    max_length = max(max_length, current_length)
11    return max_length
12 S = "this.is.a.debugwithshubham"
13 output = longest_uninterrupted_substring(S)
14 print(output)
```

C++

Main.java

```
1 public class Main {
2     public static int longestUninterruptedSubstring(String S) {
3         int maxLength = 0;
4         int currentLength = 0;
5         for (int i = 0; i < S.length(); i++) {
6             if (S.charAt(i) == '.') {
7                 maxLength = Math.max(maxLength, currentLength);
8                 currentLength = 0;
9             } else {
10                currentLength++;
11            }
12        }
13        maxLength = Math.max(maxLength, currentLength);
14        return maxLength;
15    }
16    public static void main(String[] args) {
17        String S = "this.is.a.debugwithshubham";
18        int output = longestUninterruptedSubstring(S);
19        System.out.println(output); // Output: 13
20    }
21 }
22
```

JAVA

main.cpp

```
1 #include <iostream>
2 #include <string>
3 #include <algorithm>
4 using namespace std;
5 int longestUninterruptedSubstring(const string &S) {
6     int maxLength = 0;
7     int currentLength = 0;
8     for (char ch : S) {
9         if (ch == '.') {
10            maxLength = max(maxLength, currentLength);
11            currentLength = 0;
12        } else {
13            currentLength++;
14        }
15    }
16    maxLength = max(maxLength, currentLength);
17    return maxLength;
18 }
19 int main() {
20     string S = "this.is.a.debugwithshubham";
21     int output = longestUninterruptedSubstring(S);
22     cout << output << endl;
23     return 0;
24 }
```



Shar