CS23331-Design and Analysis of Algorithms-2023 Batch-CS

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Quiz navigation



Finish review

```
Status

Started
Tuesday, 22 April 2025, 1:41 PM

Completed
Tuesday, 22 April 2025, 1:51 PM

Duration 9 mins 29 secs

Marks 1.00/1.00

Grade 10.00 out of 10.00 (100%)

Question 1
Correct
Mark 1.00 out of
1.00

Example:

Example:
```

```
s1 a g g t a b
```

 $\mathbf{g} \qquad \qquad \mathbf{g} \qquad \qquad \mathbf{x} \qquad \qquad \mathbf{t} \qquad \qquad \mathbf{x} \qquad \qquad \mathbf{a} \qquad \qquad \mathbf{y} \qquad \qquad \mathbf{b}$

The length is 4

s1: ggtabe

s2: tgatasb

Solveing it using Dynamic Programming

For example:

Input	Resul
aab azb	2

Answer: (penalty regime: 0 %)

```
1 #include <stdio.h>
    #include <string.h>
int max(int a, int b) {
   return (a > b) ? a : b;
   9
11
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        printf("%d\n", dp[m][n]);
24
        return 0;
25
26
```

Input Expected	Got
aab 2 azb	2
ABCD 4 ABCD	4
Passed all tests!	

‡

Finish review

■ 2-DP-Playing with chessboard

ımp to...

4-DP-Longest non-decreasing Subsequence ►