



SCSA2602-Compiler Design Lab

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Started on Monday, 31 January 2022, 2:15 PM

State Finished

Completed on Monday, 31 January 2022, 2:21 PM

Time taken 6 mins 6 secs

Marks 1.00/1.00

Grade 10.00 out of 10.00 (100%)

Question 1

Correct

Mark 1.00 out of 1.00

Flag question

Write a c program to check the given number is palindrome

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
3 {
4     int n, reversed = 0, remainder, original;
5     scanf("%d", &n);
6     original = n;
7
8     while(n != 0)
9     {
```

Quiz navigation



Finish review



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```
1 #include<stdio.h>
2 int main()
3 {
4     int n, reversed = 0, remainder, original;
5     scanf("%d", &n);
6     original = n;
7
8     while(n != 0)
9     {
10         remainder = n % 10;
11         reversed = reversed * 10 + remainder;
12         n /= 10;
13     }
14
15     if(original == reversed)
16     {
17         printf("Given number is palindrome");
18     } else {
19         printf("Given number is not a palindrome");
20     }
21     return 0;
22 }
```

Quiz navigation

1
✓

Finish review



Type here to search



ENG

14:27
31-01-2022



	Test	Input	Expected	Got	
✓	Test case 1	12121	Given number is palindrome	Given number is palindrome	✓
✓	Test case 2	1231	Given number is not a palindrome	Given number is not a palindrome	✓

Passed all tests! ✓



Marks for this submission: 1.00/1.00.

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