

①

C program to check whether a given no is palindrome or not using functions

1. Start.
 2. i/p num
 3. if (result == 1)
 - printf("%d is palindrome")
 - else
 - printf("%d is not palindrome")
 4. Stop
- int is_palindrome(int num)

1. Entry
2. $n = \text{num}$
3. while ($n > 0$)
 - $r = n \% 10$
 - $\text{num} = \text{num} * 10 + r$
 - $n = n / 10$
 - end while
4. if ($\text{num} == \text{num}$)
 - "return"
 - else
 - return 0
5. Exit

