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C program to check whether a given number is palindrome or not using functions.

Algorithms

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. $rnum = 0$
3. while ($n > 0$)
 $r = n \% 10$
 $rnum = rnum * 10 + r$;
 $n = n / 10$;
 end while
4. if ($rnum == num$)
 "return"
 else
 return 0
5. Exit

