

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

Algorithm :

Step 1 : START

Step 2 : Input num

Step 3 : if (result == 1)

 printf ("%d is palindrome")

else

 printf ("%d is not a palindrome")

Step 4 : STOP

int is_palindrome (int num)

Step 1 : Entry

Step 2 : rnum = 0

Step 3 : while (n > 0)

 r = n % 10

 rnum = rnum * 10 + r;

 n = n / 10;

end while

Step 4 : if (rnum == num)

 "return"

else

 return 0

Step 5 : Exit.

Flowchart :