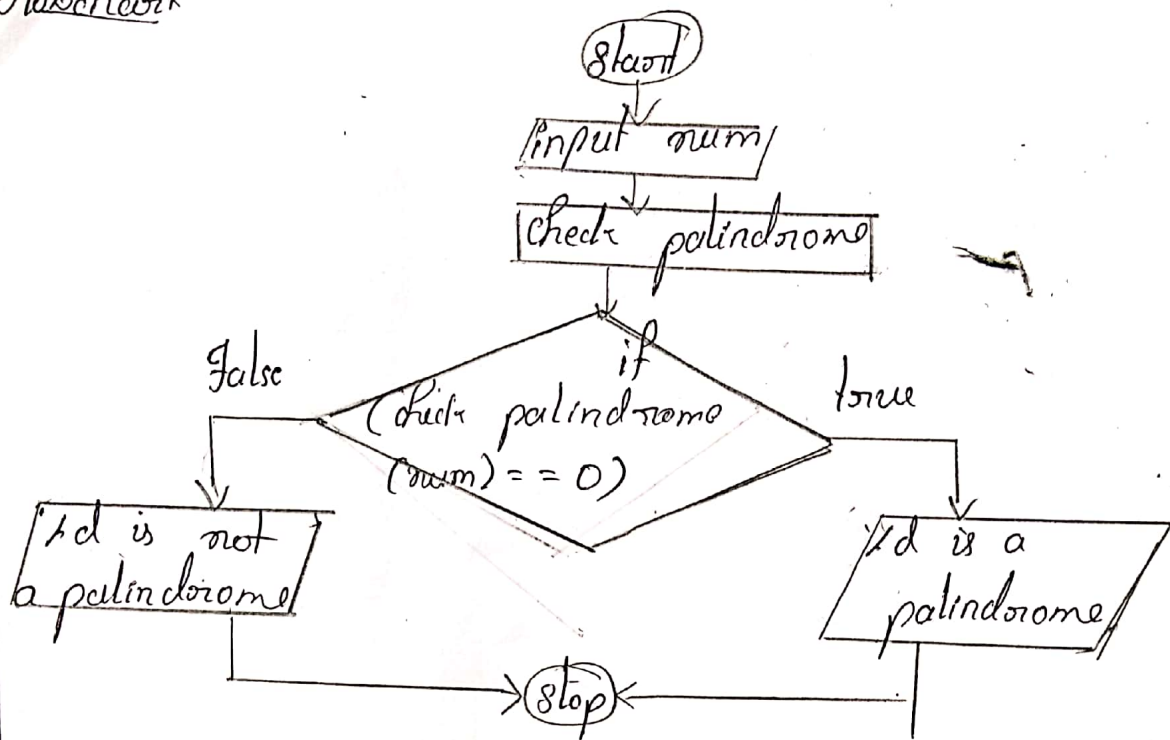


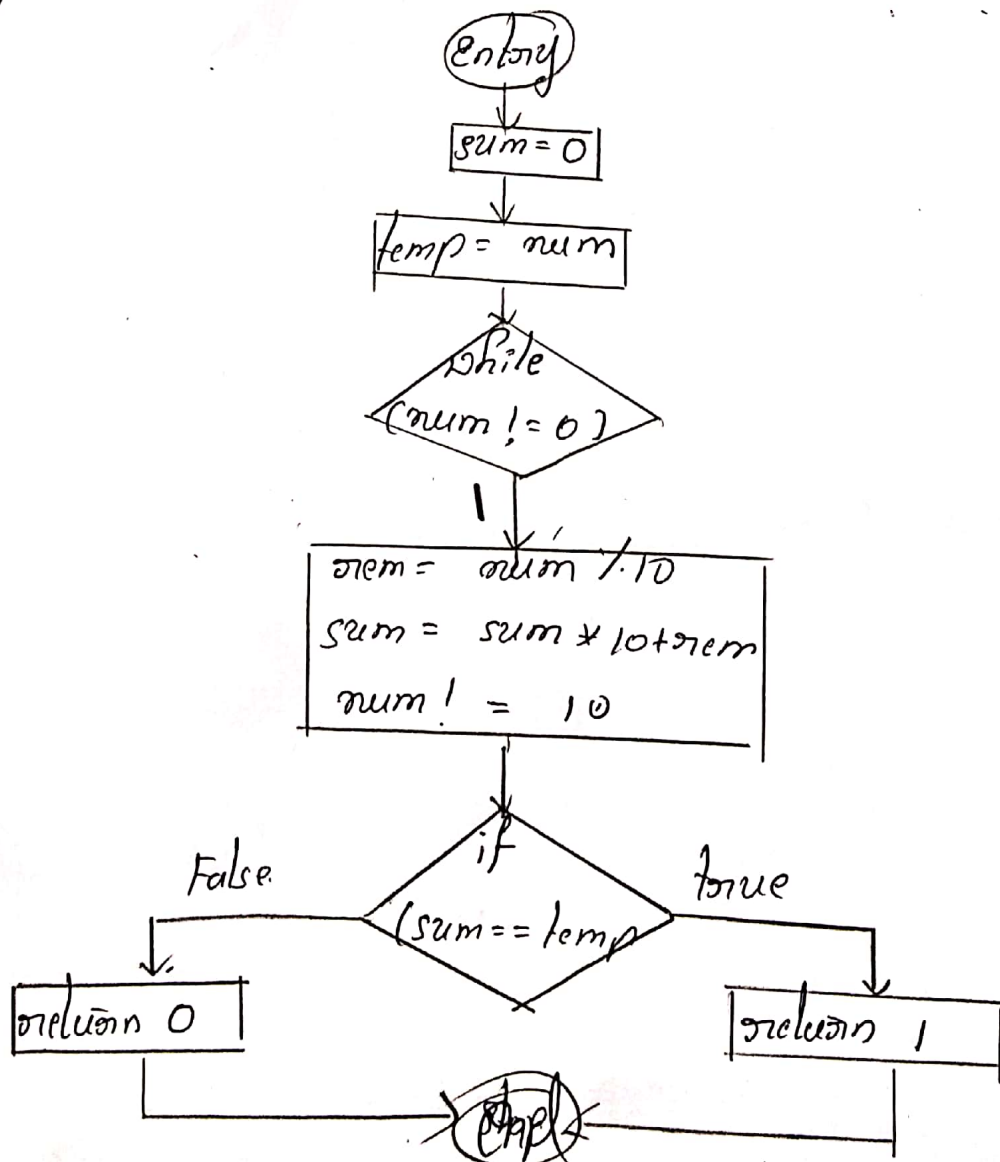
Program to check whether a given number is palindromic or not using function

Algorithm:

- Step 1 : Start
- Step 2 : Input num
- Step 3 : check palindromic ()
- Step 4 : if (check palindromic (num) == 0)
 display %d is a palindromic
 else
 display %d is not a palindromic
- Step 5 : Stop
- check palindromic (int num)
- Step 1 : Entry
- Step 2 : sum = 0
- Step 3 : temp = num
- Step 4 : while (num != 0)
 rem = num % 10
 sum = sum * 10 + rem
 num /= 10
- Step 5 : if (sum == temp)
 return 0
 else
 return 1
- Step 6 : End

Flowchart

check palindrome (int num)





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Ide



Ganavi

Problem Code/Name (e.g. TEST)

Select

PRACTICE - Practice Section

C (gcc 6.3)



Code gets autosaved every second



```
1 #include <stdio.h>
2 int isPalindrome(int num);
3 int main()
4 {
5     int num,result;
6     printf("Enter the number:");
7     scanf("%d",&num);
8     result = isPalindrome(num);
9     if(result==1)
10         printf("%d is Palindrome number",num);
11     else
12         printf("%d is not an Palindrome number",num);
13     return 0;
14 }
15 int isPalindrome(int num)
16 {
17     int rnum=0,r,n;
18     n=num;
19     while(n>0)
20     {
21         r=n%10;
22         rnum=rnum*10+r;
23         n=n/10;
24     }
25     if(rnum==num)
26         return 1;
27     else
28         return 0;
29 }
```

0.0



Open File

✓ Custom Input

Run

Custom Input

9669

Status Successfully executed Date 2020-07-16 06:41:11 Time 0 sec Mem 9.424 kB



Input

9669

Output

Enter the number:9669 is Palindrome number