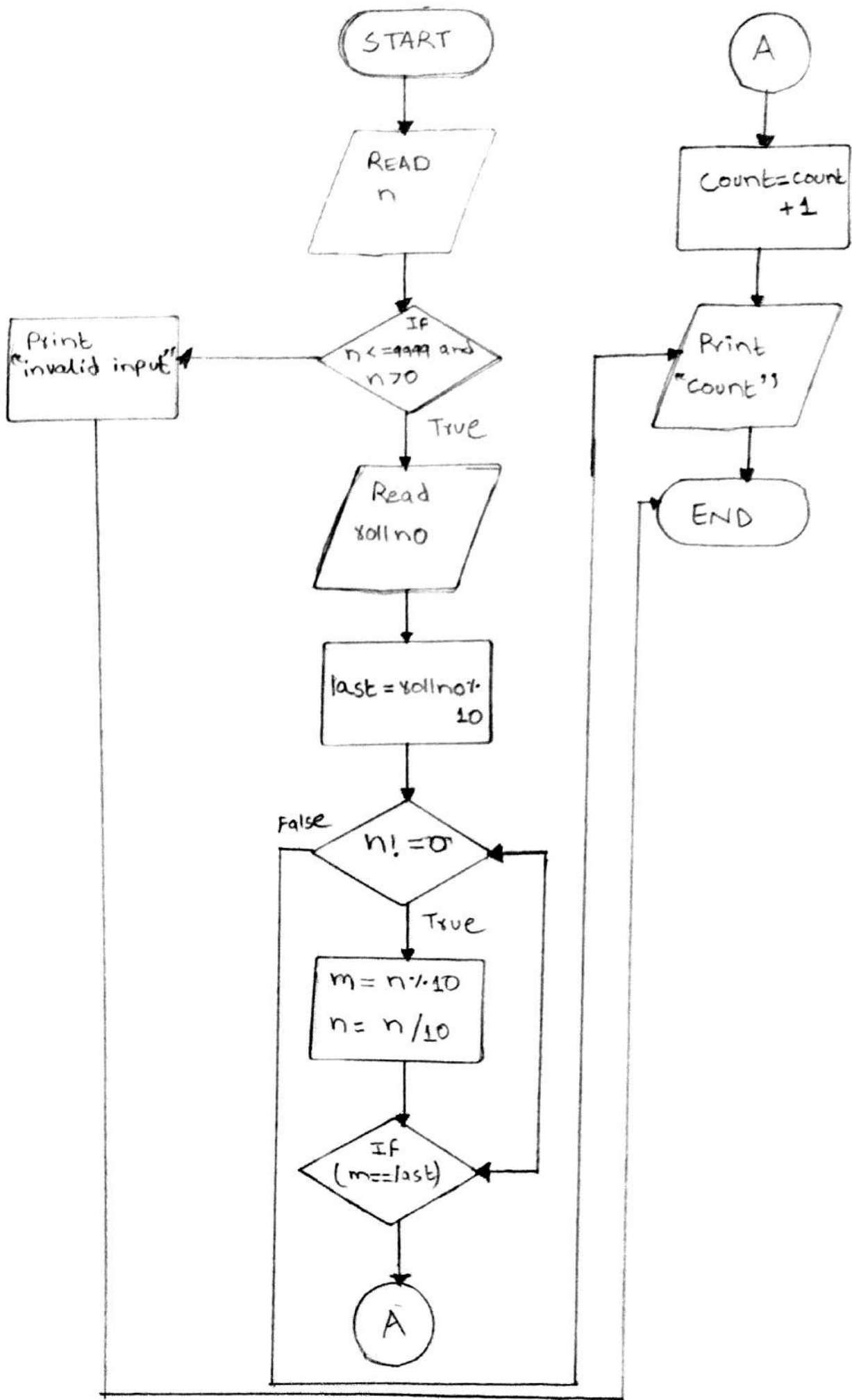


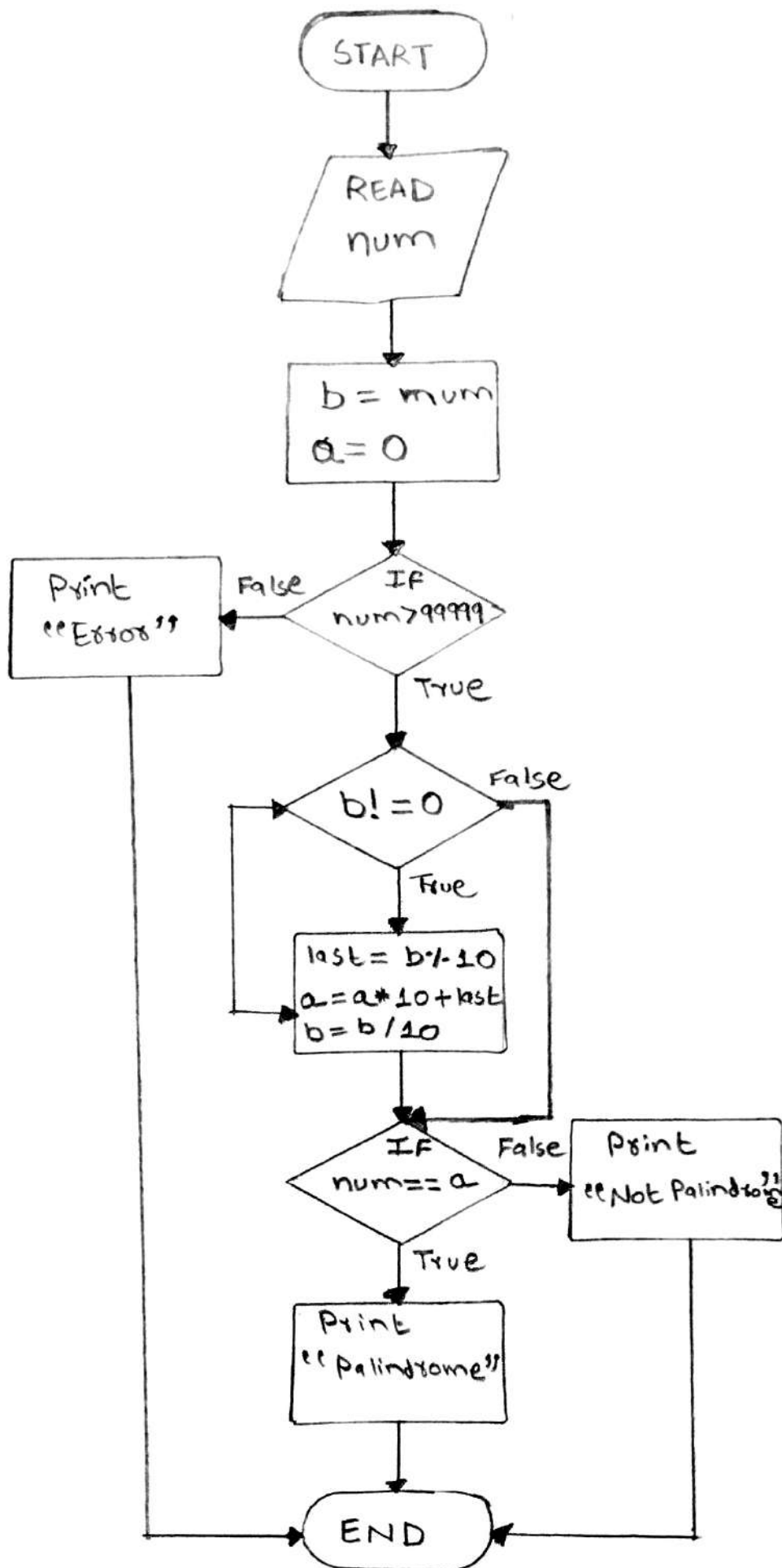
# FLOWCHART Q NO: 5



# PSEUDO CODE Q.No 5

```
01 PROGRAM TO CHECK THE GIVEN ROLL NO LAST DIGIT IS  
   EQUAL TO THE GIVEN NUMBER:  
02 START  
03 Declaring variables    n, roll no, last, m, count = 0  
  
04 IF ( $n \leq 9999$ ) and ( $n > 0$ ) if this condition is not  
   true.  
05 print "Invalid inputs" if this condition is true  
06 last = roll no % 10  
07 while ( $n \neq 0$ ) if this condition is not true  
08 print "count" IF this condition is true  
09 m = n % 10  
10 n = n / 10  
11 IF ( $m == last$ ) IF this condition is true  
12 count = count + 1  
13 print "count"  
14 END
```

# FLOWCHART Q No. 7



# Pseudocode:: Q No: 7

- 01 PROGRAM TO CHECK THE GIVEN NUMBER IS PALINDROME OR NOT.
- 02 Start
- 03 Declare variables b, num, last, a=0
- 04 Taking Input 'num'
- 05  $b = num$
- 06 checking if  $num > 99999$  if this condition is true.
- 07 Print "Error" if this condition is false.
- 08 while ( $b \neq 0$ ) if this condition is false
- 09 IF ( $num == a$ ) and then check result. if this condition is true.
- 10 IF ( $num == a$ ) if this condition is not true
- 11 Print "Not Palindrome" if this condition is true.
- 12 Print "Palindrome"
- 13 End