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Assignment: Palindrome problem

Write a pseudo code to find if a given number is a palindrome or not.

Hint :

Given a number, say n=6556, we can split the digits as

Step 1 : Set remainder = n%10 = 6

Step 2 : To reverse, we can write reverse*10+remainder = 0+6 = 6

Step 3 : Set n=n/10 = 6556 / 10 = 655

Continue Step 1,2 ad 3 in a loop until n != 0.

Now we need to **compare reverse with original number**. But note in Step 3 n value would have changed to 0. So to compare reverse with original number **store it in a temporary variable temp** as temp=n before we start the loop.

Submission status

Submission status	Submitted for grading
Grading status	Not graded

Last modified	Saturday, 13 January 2024, 7:13 PM

Online text

➕   (62 words)

BEGIN

DECLARE n, temp, remainder, reverse

PRINT "Enter a number:"

READ n

temp = n

reverse = 0

WHILE n != 0 DO

  remainder = n % 10

  reverse ...

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