17. Check whether the Given number is Palindrome or not.

Algorithm:
1. Start
2. Read input a
3. Initialize num=a, b=1, N=0
4. While (num!=0) then (b = num % 10, N = N*10+b, num = num/10) do this calculation.
5. Check the condition N==a is true or not
6. Print the number is palindrome if 5. is true
7. Print the number is not palindrome if 5. false
8. Stop

Flowchart:

```
                    ( Start )
                        |
                        v
              / Read input a        /
              / num=a, b=1, N=0   /
                        |
                        v
                  /         \         False
                 <  num!=0    >----------------------+
                  \         /                        |
                        | True                       v
                        v                      /        \
              +------------------+     True    <  N==a    >
              | b = num%10,      |------------> \        /
              | N = N*10+b       |                |  False
              | num = num/10     |                |
              +------------------+                |
                                                  |
        True                                      |
         |                                        v
         v                                        v
  / The no. is Palindrome /      / The number is not Palindrome /
         |                                        |
         +------------> ( Stop ) <----------------+
```