



## Lesson 61(Palindrome)

In the last lesson, we printed a number in reverse. In this lesson we are going to check if the number equals its reverse. Which means we can read from left to right or from right to left.

If we have 323.

its reverse : 323 -> Palindrome

```
#include <stdio.h>

int main() {
    int x, y = 0, z;
    printf("Enter a number : ");
    scanf("%d", &x);
    z = x;
    while (x) {
        y = y * 10 + x % 10;
        x /= 10;
    }
    printf(y == z ? "Palindrome\n" : "Not Palindrome\n");
}
```



```
}
```

**input:**

123

**output:**

Not Palindrome

**input:**

121

**output:**

Palindrome

Try the code yourself : [Click Here!](#)