Problem31 : Check whether a number is palindrome.

Code:

```c
#include <stdio.h>

int main() {
    int num, rev = 0, digit, original;

    printf("Enter a number: ");
    scanf("%d", &num);

    original = num;

    for(; num != 0; num = num / 10) {
        digit = num % 10;
        rev = rev * 10 + digit;
    }

    if(rev == original)
        printf("%d is a palindrome\n", original);
    else
```

```c
        printf("%d is not a palindrome\n", original);

    return 0;
}
```

Output:

121
121 is a palindrome