

```
1 #include <stdio.h>
2
3 int main(void) {
4     int n, reversed = 0, remainder
5     , original;
6
7     printf("Enter an integer: ");
8     scanf("%d", &n);
9
10    original = n;
11
12    while (n != 0) {
13        remainder = n % 10;
14        reversed = reversed * 10 + remainder;
15        n /= 10;
16    }
17
18    if (original == reversed) {
19        printf("%d is a palindrome."
20        , original);
21    } else {
22        printf("%d is not a palindrome."
23        , original);
24    }
25
26    return 0;
27 }
```