

# C programming25 for loop

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## 1 Check whether a given number is palindrome or not

```
#include <stdio.h>

int main() {
    int num, temp, rev = 0, digit;
    printf("Enter a number: ");
    scanf("%d", &num);

    temp = num;
    while (temp > 0) {
        digit = temp % 10;
        rev = rev * 10 + digit;
        temp /= 10;
    }

    if (num == rev)
        printf("Palindrome number\n");
    else
        printf("Not a palindrome\n");
    return 0;
}
```

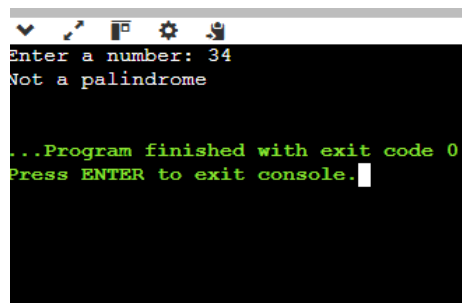


Figure 1: Enter Caption