```c
#include <stdio.h>
#include <string.h>

int main() {
    char str[100];
    int length, is_palindrome = 1;
    printf("Enter a string: ");
    if (fgets(str, sizeof(str), stdin)
        == NULL) return 1;
    length = strlen(str);
    if (length > 0 && str[length - 1]
        == '\n') {
        str[length - 1] = '\0';
        length--;
    }
    for (int i = 0; i < length / 2; i
        ++) {
        if (str[i] != str[length - 1 -
            i]) {
            is_palindrome = 0;
            break;
        }
    }
    if (is_palindrome) {
        printf("\"%s\" is a palindrome
            .\n", str);
    } else {
        printf("\"%s\" is NOT a
            palindrome.\n", str);
    }
    return 0;
}
```

Run

```
Enter a string: 8
"8" is a palindrome.


=== Code Execution Successful ===
```