

```
1 #include <stdio.h>
2 #include <string.h>
3
4 int main() {
5     char str[100];
6     int i, length, flag = 0;
7
8     printf("Enter a string: ");
9     scanf("%s", str);
10
11    length = strlen(str);
12
13    for(i = 0; i < length / 2; i++) {
14        if(str[i] != str[length - i - 1]) {
15            flag = 1;
16            break;
17        }
18    }
19
```

Enter a string: madam
String is Palindrome

==== Code Execution Successful ===