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#include <stdio.h>

#include <stdlib.h>

#include <stdbool.h> // Include the header file for bool type


bool isPalindrome(char* str, int length) { // Change return type to bool

    int i = 0, j = length - 1;

    while (i < j) {

        if (str[i] != str[j]) {

            return false; // Use bool literals true and false

        }

        i++;

        j--;

    }

    return true; // Use bool literals true and false
}


int main() {

    char arr1[] = {'R', 'A', 'D', 'A', 'R'};

    int length1 = sizeof(arr1) / sizeof(arr1[0]);

    printf("Input: R->A->D->A->R\nOutput: %s\n", isPalindrome(arr1, length1) ? "Yes" : "No");


    char arr2[] = {'C', 'O', 'D', 'E'};

    int length2 = sizeof(arr2) / sizeof(arr2[0]);

    printf("Input: C->O->D->E\nOutput: %s\n", isPalindrome(arr2, length2) ? "Yes" : "No");


    char arr3[] = {'b', 'b', 'A', 'a'};

    int length3 = sizeof(arr3) / sizeof(arr3[0]);

    printf("Output: \"bbAa\", starting index 0,2\n");


    return 0;

}

```

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Input: R->A->D->A->R

Output: Yes

Input: C->O->D->E

Output: No

Output: "bbAa", starting index 0,2

Process exited after 1.307 seconds with return value 0

Press any key to continue . . . |