13 Reverses string

#include <stdio.h>

void reverse\_recursive(const char\* str, int index) {

if (str[index] == '\0') { // Base case: null character reached

return;

}

reverse\_recursive(str, index + 1); // Recursive call to print the remaining characters

printf("%c", str[index]); // Print the current character after recursion unwinds

}

int main() {

char str[100];

printf("Enter a string: ");

scanf("%s", str);

printf("Reversed string: ");

reverse\_recursive(str, 0); // Call the recursive function with starting index 0

printf("\n");

return 0;

}