Write a C function that uses a static variable to count how many times the function has been called. Test this function in the main program by calling it multiple times and printing the count.

#include <stdio.h>

void c () {

static int count = 0;

count++;

printf("This function has been called %d times\n", count);

}

int main() {

for (int i = 0; i < 5; i++) {

c ();

}

return 0;

}