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aak759@fox02:~$ vim practice.c

#include <stdio.h>

#include <stdlib.h>

int main(int argc, char\* argv[]){

int i;

int j;

int N;

scanf("%d", &N);

for (i = 0; i < N; i++){

//whitespace

for (j = 1; j <= N - (i + 1); j++){//N –(1 + 1) 1st iteration

printf(" ");

}

//star plus whitespace after

for (j = 0; j <= (N + i) - N; j++){

printf("\* ");//whitespace after char

}

printf("\n");

}

//newline after character and loop

printf("\n");//newline

//printf("\n");//not needed

return 0;

}

Expression needs to be (i + 1), not (i - 1) incrementing in the wrong direction 3 - (-1) is 4.

//Loop

for (j = 0; j < N - (i + 1); j++)

Then subtract i as i increments

N = 3 example:

i //initialized = 0

N - (i + 1) =

3 - (0 + 1) = 2

3 - (1 + 1) = 1

3 - (2 + 1) = 0

There are a few ways

You can think of this one as the polar opposite of spaces +1

The first case of spaces, we needed N - 1

Do not ever hardcode anything

we need an expression that equals 1 on the first time through and approaches N as "i" increases

What will make N be 0?

N-N

We need to add more stars the further along we go

N+1-(N)

(N + i) - N

Could swap out j = 0 or j = 1, but you need to have the proper < or <=

for (j = 0; j <= (N + i) - N; j++)

First case, last case, expression to connect the 2