

```

#define _CRT_SECURE_NO_WARNINGS
#include <stdio.h>

/*
Title: Asterisks triangles
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Dsicription: Prints thoese two patters using separate loops

a.
*
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*****
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b.
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***
**
*

*/

int print_astericks(loop_num);

int main(void)
{
    for (int n = 0; n < 10; n++)
    {
        print_astericks(n);
    }

    printf("\n");

    for (int j = 0; j < 9; j++)
    {
        //prints like the 1st pattern but uses spaces to shift the next
        pattern over
        for (int i = 0; j > i; i++)
        {
            printf(" ");
        }

        for (int i = 9; i > j; i--)

```

```
        {
            printf("*");
        }

        printf("\n");
    }
}

//function from previous problem to print "*"
int print_astericks(int loop_num)
{
    for (int j = 0; j < loop_num; j++)
    {
        printf("*");
    }

    printf("\n");

    return(loop_num);
}
```