

```
1 #include <stdio.h>
2
3 int main(void){
4     for (int i = 0; i<7; i++){
5         for(int j = 0; j < i; j++){
6             printf("*");
7         }
8         printf("\n");
9     }
10
11 return 0;
12 }
```

Command Prompt

```
Microsoft Windows [Version 10.0.17134.648]
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C:\Users\Debby>cd C:\Users\Debby\Documents\Notepad\Drawing
C:\Users\Debby\Documents\Notepad\Drawing>g++ triinc.cpp -o a
C:\Users\Debby\Documents\Notepad\Drawing>a
*
**
***
****
*****
*****
C:\Users\Debby\Documents\Notepad\Drawing>
```

```
1 #include <stdio.h>
2
3 int main(void){
4     for (int i = 0; i<7; i++){
5         for(int j = 7; j > i; j--){
6             printf("*");
7         }
8         printf("\n");
9     }
10
11     return 0;
12 }
```

Command Prompt

C:\Users\Debby\Documents\Notepad\Drawing>g++ tridec.cpp -o b

C:\Users\Debby\Documents\Notepad\Drawing>b

```
*****
*****
*****
****
***
**
*
```

C:\Users\Debby\Documents\Notepad\Drawing>

```
1 #include <stdio.h>
2
3 int main(void){
4     for (int i = 0; i < 7; i++){
5         for(int k = 7; k > i; k--){
6             printf(" ");
7         }
8         printf("*");
9
10        for(int j = 0; j < i; j++){
11            printf("*");
12        }
13
14        for(int k = 0; k < i; k++){
15            printf("*");
16        }
17
18        printf("\n");
19    }
20
21    return 0;
22 }
```

Command Prompt

C:\Users\Debby\Documents\Notepad\Drawing>g++ pyr.cpp -o d

C:\Users\Debby\Documents\Notepad\Drawing>d

```
      *
     ***
    *****
   ********
  *********
 *****
*****
```

C:\Users\Debby\Documents\Notepad\Drawing>

```
1 #include <stdio.h>
2
3 int main(void){
4
5     for (int i = 0; i < 8; i++){
6         printf("*");
7         printf(" ");
8     }
9
10    printf("\n");
11
12    for (int k = 0; k < 6; k++){
13        printf("*");
14
15        for(int j = 0; j < 13; j++){ //increment
16            printf(" ");
17        }
18
19        printf("*\n");
20    }
21
22    for (int l = 0 ; l < 8; l++){
23        printf("*");
24        printf(" ");
25    }
26
27    return 0;
28 }
```

Command Prompt

C:\Users\Debby\Documents\Notepad\Drawing>g++ sqr.cpp -o c

C:\Users\Debby\Documents\Notepad\Drawing>c

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