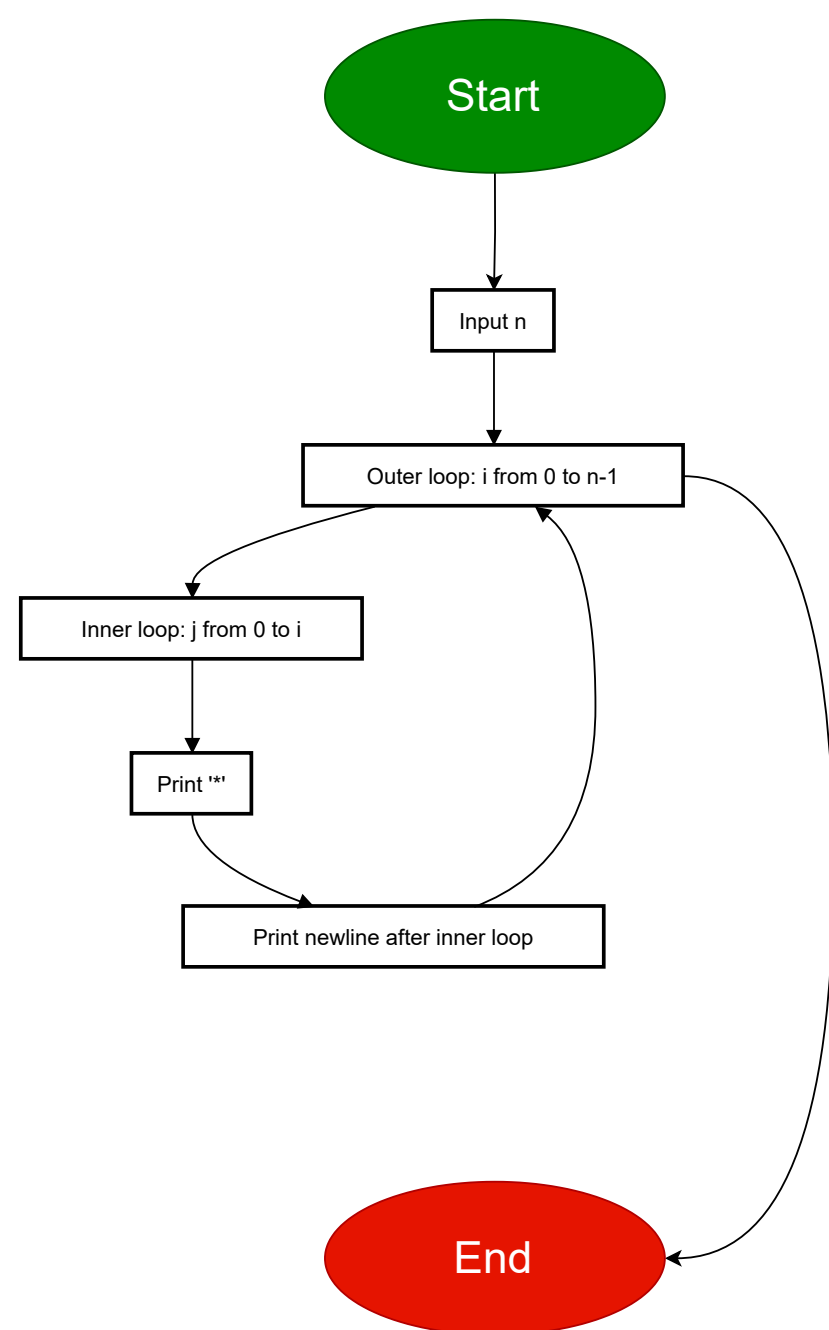
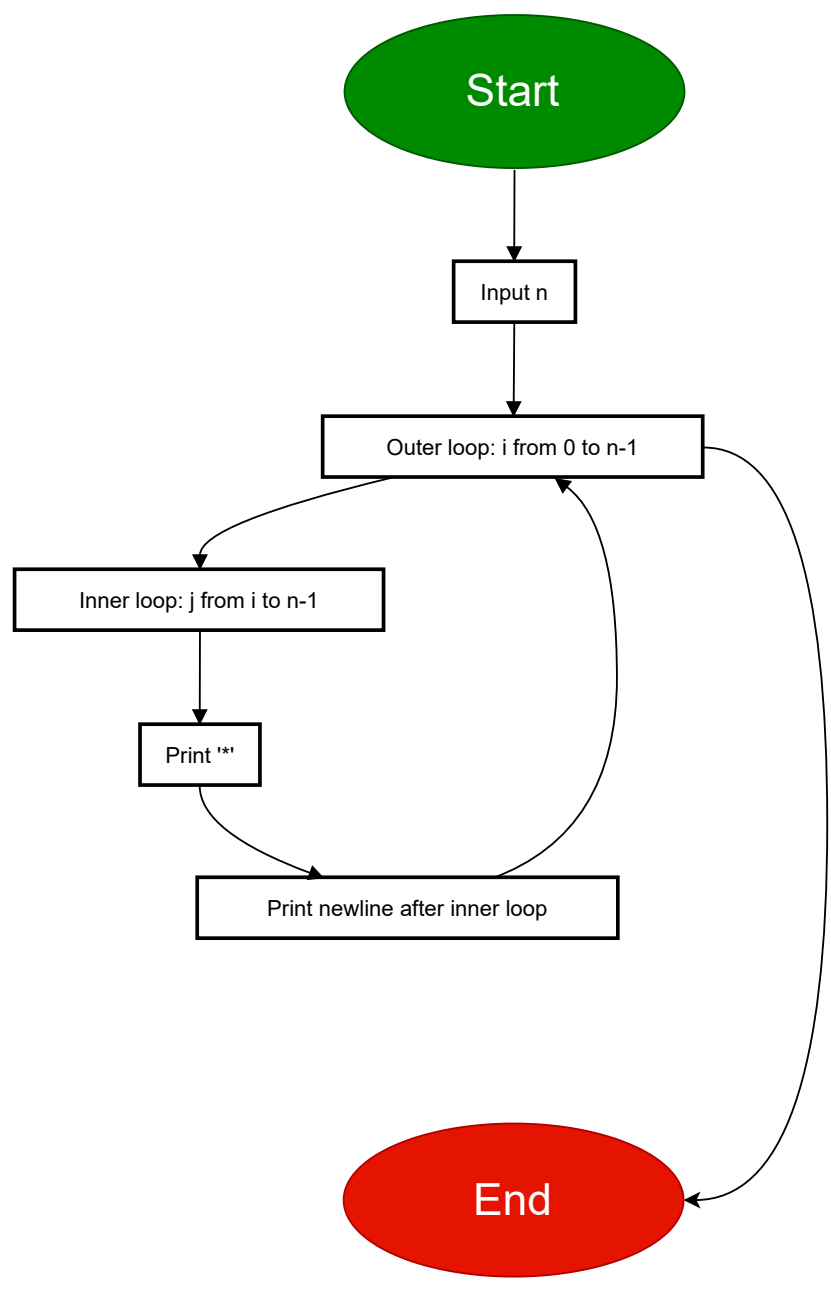


9. Pattern Prints



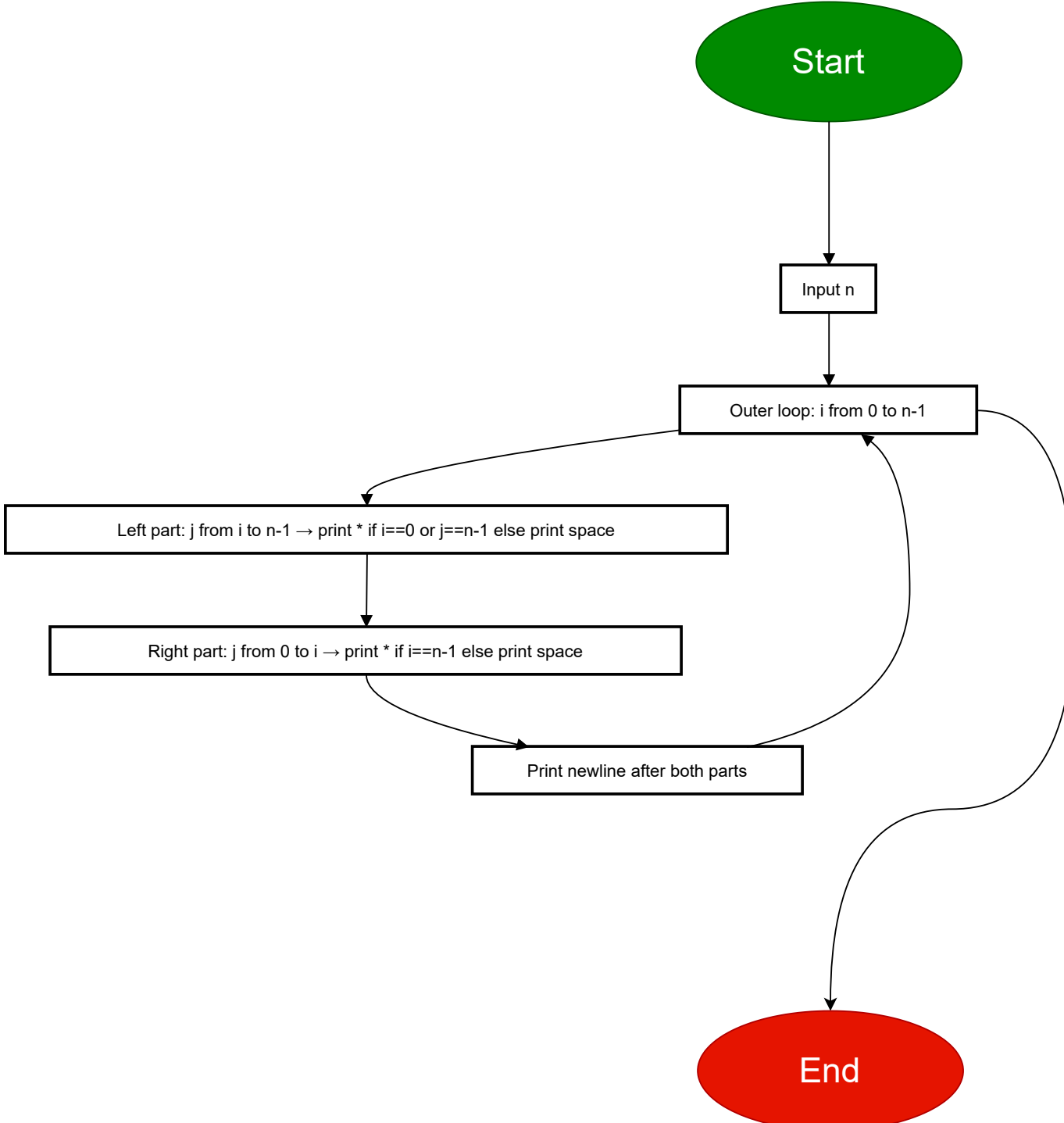
```
%% Prints:
%%
%% *
%% * *
%% * * *
%% * * * *
```

```
n = int(input("Enter the numbers of rows: "))
for i in range(n):
    for j in range(i+1):
        print("*", end=" ")
    print()
```



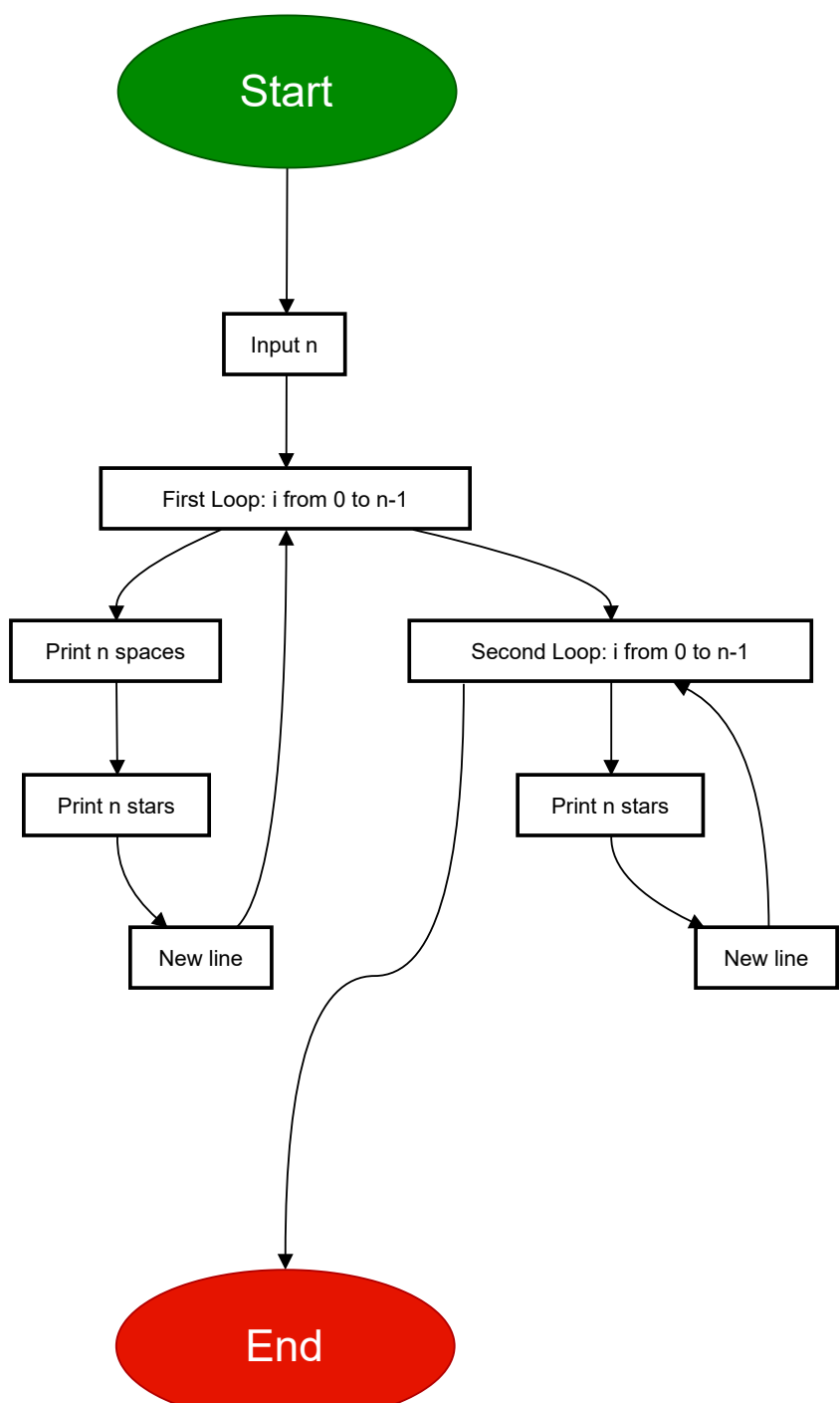
```
%% Prints:
%% * * * * *
%% * * * *
%% * * *
%% * *
%% *
```

```
n = int(input("Enter the numbers of rows: "))
for i in range(n):
    for j in range(i,n):
        print("*", end=" ")
    print()
```



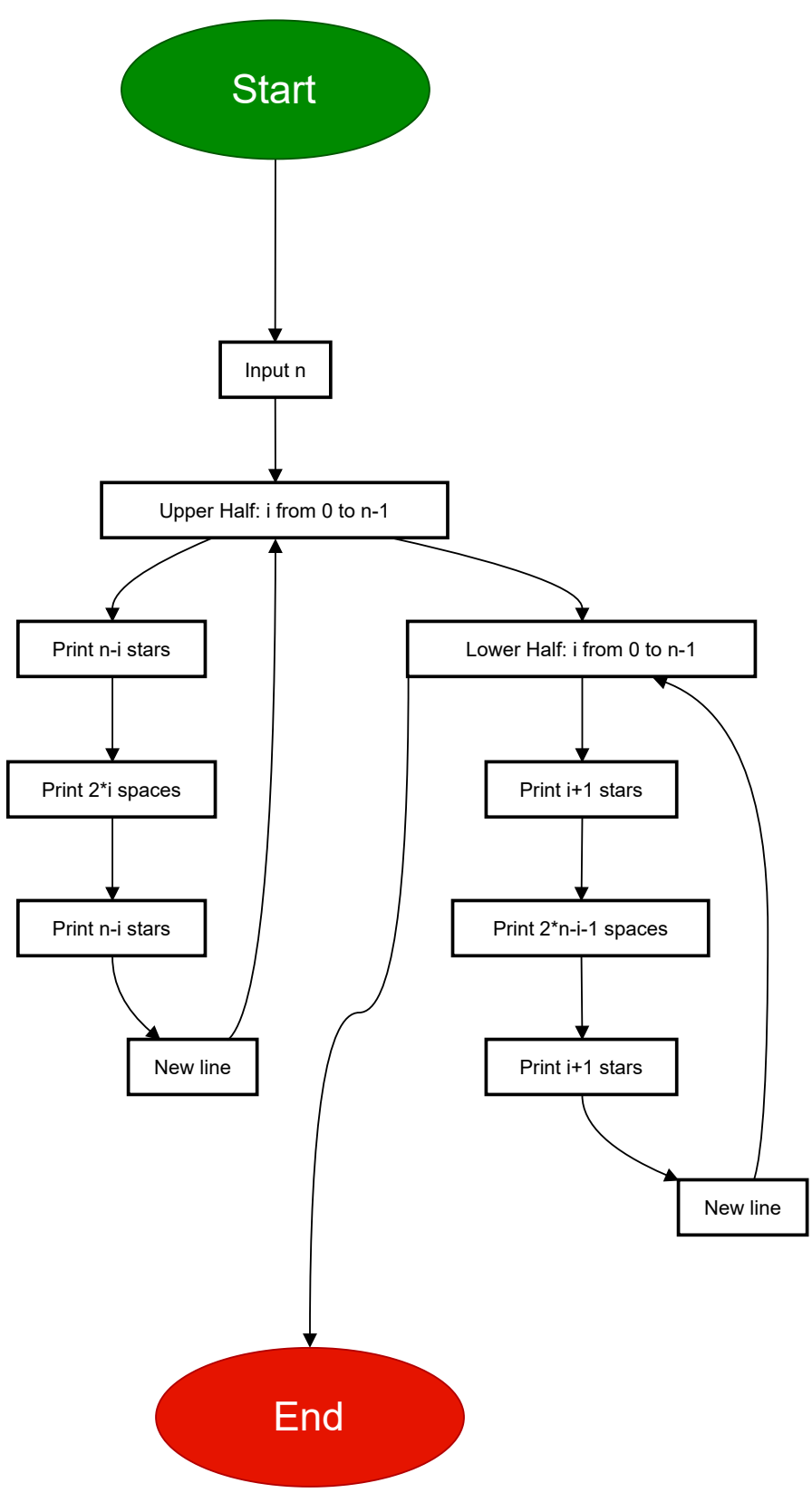
```
%% Prints:
%% * * * * *
%%      *
%%     *
%%    *
%%   * * * * *
```

```
n = int(input("Enter the number of rows: "))
for i in range(n):
    for j in range(i, n):
        if i == 0:
            print("*",end=" ")
        elif j == n-1:
            print("*", end=" ")
        else:
            print(" ",end=" ")
    for j in range(i+1-1):
        if i == n-1:
            print("*", end=" ")
        else:
            print(" ",end=" ")
    print()
```



```
%% Prints:
%%      * * * * *
%%      * * * * *
%%      * * * * *
%%      * * * * *
%%      * * * * *
%% * * * * *
%% * * * * *
%% * * * * *
%% * * * * *
%% * * * * *
```

```
n = int(input("Enter the numbers of rows: "))
for i in range(n):
    for j in range(n):
        print(" ", end=" ")
    for j in range(n):
        print("*", end=" ")
    print()
for i in range(n):
    for j in range(n):
        print("*", end=" ")
    print()
```



```
%% Prints:
%% * * * * * * * * *
%% * * * * * * * *
%% * * * * * * *
%% * * * * * *
%% * * * * *
%% * * * *
%% * * *
%% * *
%% *
%% * *
%% * * *
%% * * * *
%% * * * * *
```

```
n = int(input("Enter the numbers of rows: "))
for i in range(n):
    for j in range(i,n):
        print("*", end=" ")
    for j in range(i+1-1):
        print(" ", end=" ")
    for j in range(i+1-1):
        print(" ", end=" ")
    for j in range(i,n):
        print("*", end=" ")
    print()
for i in range(n):
    for j in range(i+1):
        print("*", end=" ")
    for j in range(i,n-1):
        print(" ", end=" ")
    for j in range(i,n-1):
        print(" ", end=" ")
    for j in range(i+1):
        print("*", end=" ")
    print()
```