

PYTHON PATTERN

Programs on Star *

@the_programming_girl
telegram - Coders-place

① Square Pattern

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

```
for i in range(0, 5):  
    for j in range(0, 5):  
        print('*', end=" ")  
    print()
```

② Hollow Square Pattern

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

```
size = 5  
for i in range(size):  
    for j in range(size):  
        if i == 0 or i == size - 1 or  
           j == 0 or j == size - 1:  
            print('*', end=" ")  
        else:  
            print(' ', end=" ")  
    print()
```

Handwritten Notes
C, Cpp, Java,
Python on
Telegram

Link in bio.

@the_programming_girl

③ left Triangle Pattern

*

n=5

* *

for i in range(1, n+1):

* * *

for k in range(1, i+1):

* * * *

print("* ", end=" ")

* * * * *

print()

4) Right triangle Pattern

@the-programming-girl

*

n=5

* *

for i in range(n):

* * *

for j in range(1, n-i):

* * * *

print(" ", end=" ")

* * * * *

for k in range(0, i+1):

print("* ", end=" ")

print()

5) Hollow triangle Pattern.

n=

*

n=5

* *

for i in range(1, n+1):

* *

for j in range(i):

* *

if j==0 or j==i-1:

* *

print('*', end=' ')

* * * * *

else:

if i!=n:

print(' ', end='')

else:

print('*', end=' ')

print()

6) left Downward Triangle Pattern.

```

* * * * *
* * * *
* * *
* *
*

```

n = 5

```

for i in range(n):
    for j in range(n-i):
        print('*', end='')
    print()

```

7) Pyramid Pattern

@the_programming_girl

```

      *
     ***
    *****
   *****
  *****
 *****

```

n = 5

```

for i in range(n):
    for j in range(n-i-1):
        print(' ', end='')
    for k in range(2*i+1):
        print('*', end='')
    print()

```

8) Hollow Pyramid Pattern.

```

      *
     * *
    *   *
   *     *
  *       *
 * * * * *

```

n = 5

```

for i in range(n):
    for j in range(n-i-1):
        print(' ', end='')
    for k in range(2*i+1):
        if k==0 or k==2*i:
            print('*', end='')
        else:
            if i==n-1:
                print('*', end='')
            else:
                print(' ', end='')
    print()

```

9) Diamond Star Pattern

```

      *
    * * *
  * * * * *
* * * * * * *
* * * * * * *
  * * * * *
    * * *
      *

```

n=5

```

for i in range(n):
    for j in range(n-i-1):
        print(' ', end='')
    for j in range(2*i+1):
        print('*', end='')
    print()
for i in range(n-1):
    ..

```

10) Hollow Diamond Star Pattern

```

      *
    * *
  *   *
*     *
*     *
  *   *
    * *
      *

```

n=5

```

for i in range(n):
    for j in range(n-i-1):
        print(' ', end='')
    for j in range(2*i+1):
        print(
            if j==0 or j==2*i:
                print('*', end='')
            else
                print(' ', end='')
        )
    print()
for i in range(n-1):
    for j in range(i+1):
        print(' ', end='')
    for j in range(2*(n-i-1)-1):

```



```
if j == 0 or j == 2 * (n - i - 1) - 2;  
    print('#', end = ' ')  
else:  
    print(' ', end = ' ')  
print()
```

@the-programming-girl
telegram = coders-place

C, Cpp, java, python all free
courses available on telegram

THIS PDF UPLOADED ON
TELEGRAM.

LINK IN BIO.