

```

1 # Exercise
2
3 """
4 EXERCISE - Pattern ART
5 """
6
7 rows = int(input('How Many Rows Do You Want: '))
8
9 print("\n***** For Loop *****")
10 for n in range(1, rows + 1):
11     print("*" * n)
12
13 print("\n***** While Loop *****")
14 counter = 1
15
16 while counter <= rows:
17     print("*" * counter)
18     counter += 1
19
20 print("\n***** Reverse *****")
21 for n in range(rows, 0, -1):
22     print("*" * n)
23
24 print("\nMIRROR")
25 x = 1
26 spaces = rows - 1
27 result = ""
28
29 while spaces >= 0:
30     result += " " * spaces
31     result += "*" * x
32     x += 1
33     spaces -= 1
34     print(result)
35     result = ""
36
37 print("\n Mirror Using Inner Loops")
38 res = ""
39
40 for i in range(0, rows + 1):
41     for j in range(0, rows - i):
42         res += " "
43     for k in range(i):
44         res += "*"
45     print(res)
46     res = ""
47
48
49

```