**Python program to print the pattern:**

def pattern(n):

k = 2 \* n - 2

for i in range(0, n-1):

for j in range(0, k):

print(end=" ")

k = k - 2

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

print("\* ", end="")

print("\r")

k = -1

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

for j in range(k,-1,-1):

print(end=" ")

k = k + 2

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

print("\* ", end="")

print("\r")

n=int(input("enter n value"))

pattern(n)

