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How to draw an isosceles triangle in python

PythonServer Side ProgrammingProgramming Taking advantage of the for loop and range function in python, we can draw a variety of for pyramid structures. The key to the approach is designing the appropriate for loop which will leave both vertical and horizontal space for the position of the symbol we choose for drawing the pyramid structure.Pattern -1We draw a right angle based pattern.Example Live Demodef pyramid(p):   for m in range(0, p):   for n in range(0, m+1):   print("* ",end="")   print("\r") p = 10 pyramid(p)OutputRunning the above code gives us the following result −* *Pattern-2We make a 180 degree rotation to the above pattern.Example Live Demodef pyramid(p):   X = 2*p - 2   for m in range(0, p):   for n in range(0, X):   print(end=" ")   X = X - 2   for n in range(0, m+1):   print("* ", end="")   print("\r") p = 10 pyramid(p)OutputRunning the above code gives us the following result − * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *Pattern-3In this case we draw a triangle shape of type isosceles. Both the sides of the triangle are of equal length.Example Live Demon = 0 r = 12 for m in range(1, r+1):   for gap in range(1, (r-m)+1):   print(end=" ")   while n != (2*m-1):   print("* ", end="")   n = n + 1   n = 0   print()OutputRunning the above code gives us the following result − * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *Pattern-3Now we draw a case of triangle in which all the three sides are equal. Also called equilateral triangle.Example Live Demolength = 12 k = (2 * length) - 2 for p in range(0, length):   for n in range(0, k):   print(end=" ")   k = k - 1   for n in range(0, p + 1):   print("@", end=' ')   print(" ")OutputRunning the above code gives us the following result − @ @ @