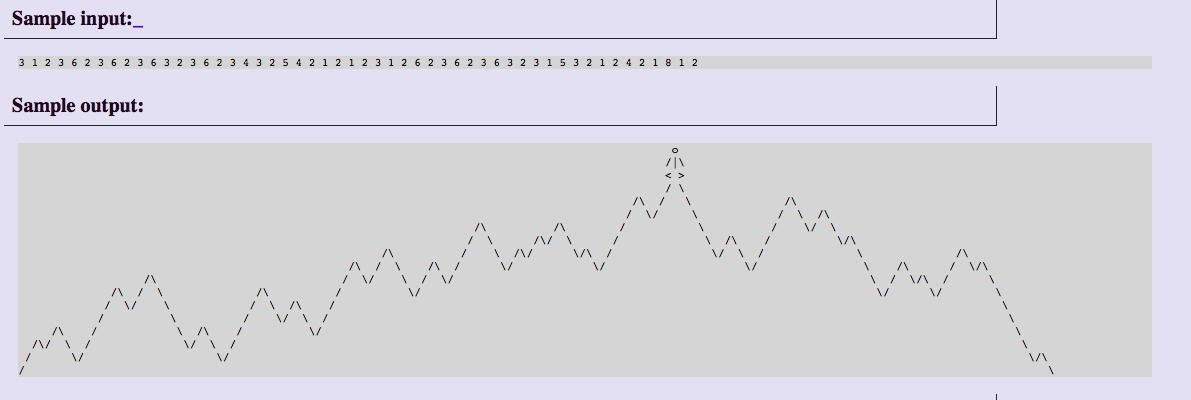
Question : For a given input series we need to represent a pattern in graph format.

Output Image :



As you can see in the image. The even digits are incrementing with “/” and odd digits are decrementing with “\” and at the highest point we get “That human figure”.

If the input value is 3 then it is taking 3 slashes. If it is in odd place it decreases with “\” 3 times , else it increments with “/” 3 times. Similarly the rest of the inputs.

Now I have written a code in which it is printing correctly but not side by side. It is printing from the next line.

My Code :

def descending(n):

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

for j in range(i+1):

if j==i :

print("\ ",end=" ")

else:

print(" ", end=" ")

print()

def ascending(n):

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

for j in range(i+1):

if j==i :

print('/',end=" ")

else:

print(" ", end=" ")

print()

arr=[3,1,2,3,6,2]

for i in range(len(arr)):

if i%2==0:

ascending(arr[i])

print()

else:

descending(arr[i])

print()

Output of my code :

