1. Create the below pattern using nested for loop in Python

\*

\* \*

\* \* \*

\* \* \* \*

\* \* \* \* \*

\* \* \* \*

\* \* \*

\* \*

\*

def pyramidpattern(n):

for i in range(0, n):

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

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

print("\r")

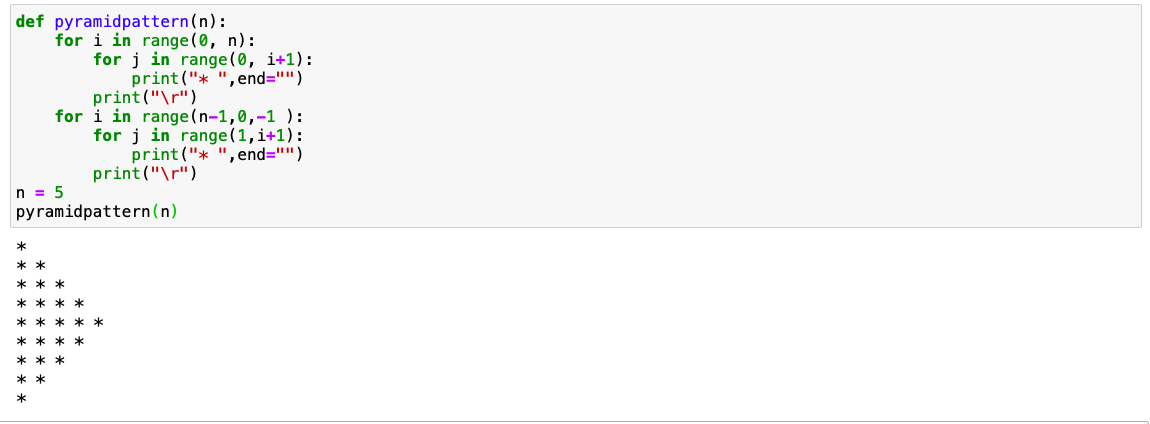
for i in range(n-1,0,-1 ):

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

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

print("\r")

n = 5

pyramidpattern(n)

2.Write a Python program to reverse a word after accepting the input from the user

Approach 1:

def reverse\_word(str):

rev\_str=""

for i in str:

rev\_str=i + rev\_str

return rev\_str

str = input("Enter a word :")

print(str)

print("Reversed input word :" + reverse\_word(str))

Approach 2:

def reverse\_word(str):

rev\_str=""

rev\_str=str[::-1]

return rev\_str

str = input("Enter a word :")

print(str)

print("Reversed input word :" , reverse\_word(str))