**#Python program to print different patterns.**

def pattern():

a=int(input("Enter the value of a: "))

for i in range(1,a,1):

print("\*"\*i)

def pattern1():

b=int(input("Enter the value of b: "))

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

print("\*"\*i)

def pattern2():

c=int(input("Enter the value of c: "))

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

print("\*"\*i)

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

print("\*"\*j)

def pattern3():

d=int(input("Enter the value of d: "))

for i in range(1,d):

print(' '\*(d-(i-1)),'\* '\*(i))

def pattern4():

e=int(input("Enter the value of e: "))

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

print(' '\*(e-(i-1)),'\* '\*(i))

def pattern5():

f=int(input("Enter the value of f: "))

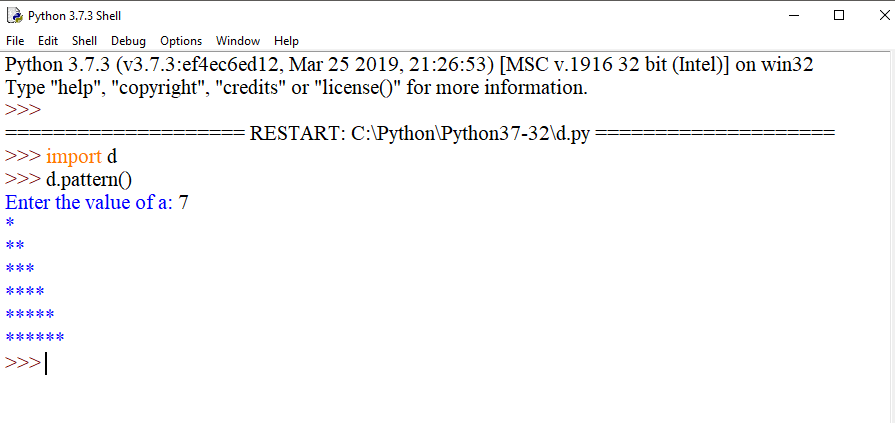
for i in range(1,f+1,1):

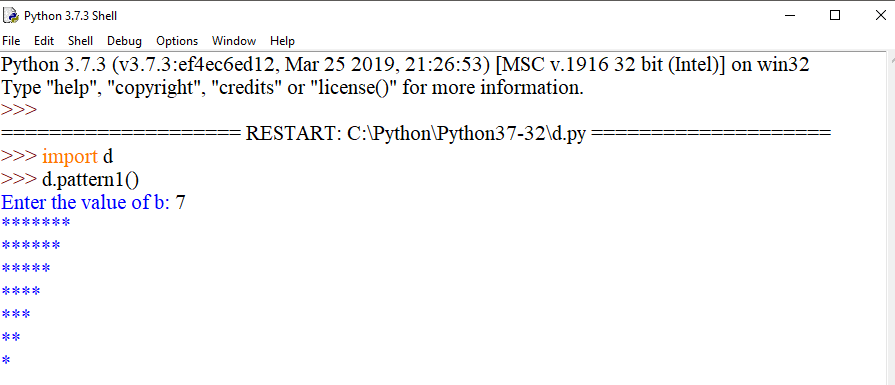
print(' '\*(f-(i-1)),'\* '\*(i))

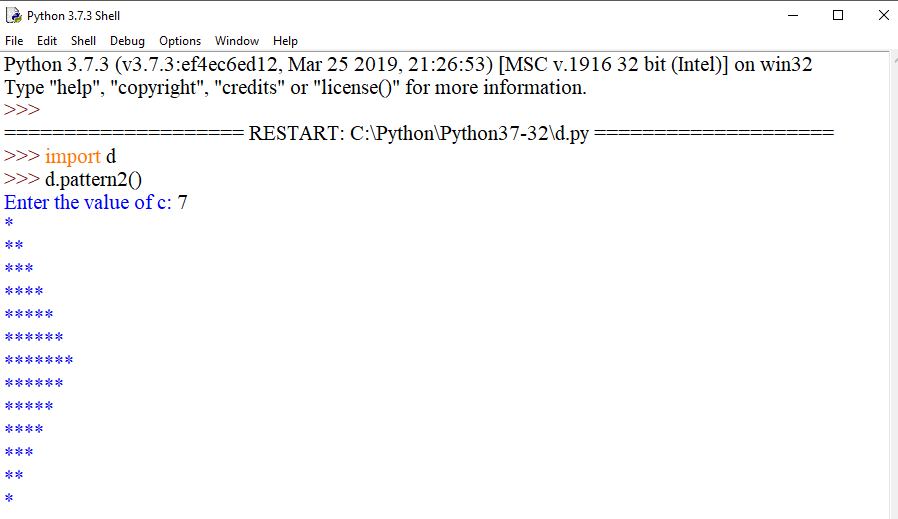
for j in range(f-1,-1,-1):

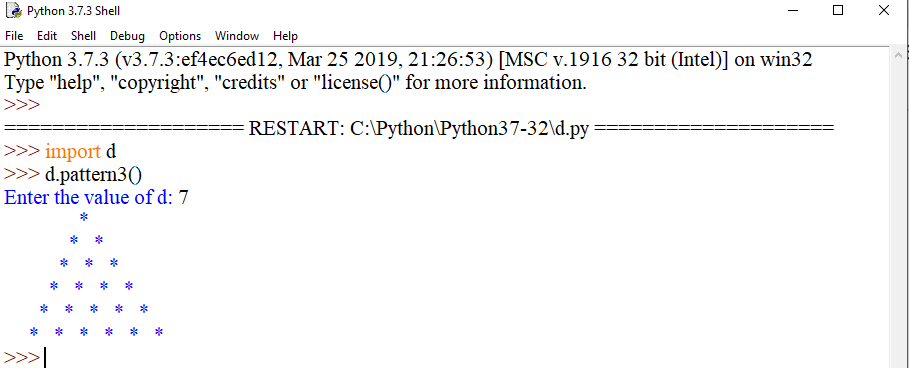
print(' '\*(f-(j-1)),'\* '\*(j))

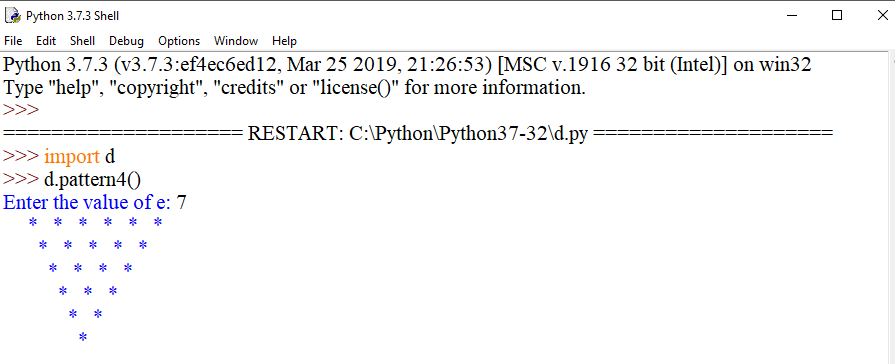
**OUTPUT**

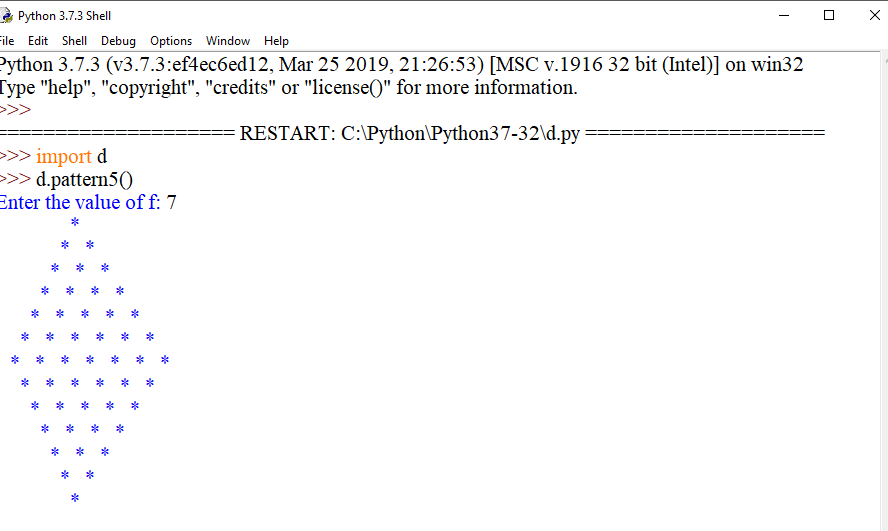
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