**Count Number of Digits in an Integer using while loop**

num = 3452

count = 0

while num != 0:

num //= 10

count += 1

print("Number of digits: " + str(count))

**construct the number pattern using for loop**

rows = int(input("Please enter how many rows you need: "))

**for** i **in** range(1, rows+1):

**for** j **in** range(1, i + 1):

**print**(j, end=' ')

**print**('')