1. number = int(input("Enter number to count digits: "))

counter = 0

while number != 0:

number//= 10

counter = counter + 1

print("Total digits are:", counter)

1. mylist = [10, 20, 30, 40, 50]

revlist = reversed(mylist)

for item in revlist:

print(item)

1. rows = int(input(“How many rows to print? “))

print(“The number pattern for the above number of rows”)

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

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

print(j, end=' ')

print("")

1. #Creating a tuple with different data types

mytuple = ("tuple", False, 3.2, 1)

print(mytuple)

1. #unnpacking a tuple into variables

var1, var2, var3 = mytuple

#unpack a tuple in variables

print(var1, “ ”, var2, “ “, var3)

#the number of variables must be equal to the number of items of the tuple

#var1, var2, var3 = mytuple

1. Myset = {‘ ‘}

print(myset)

print(type(myset))

print("\n Non empty set:")

myset1 = {0, 1, 2, 3, 4}

print(myset1)

print(type(myset1))

1. start = 1

end = 20

print("Prime numbers between", start, "and", end, "are:")

for num in range(start, end + 1):

if num > 1:

for i in range(2, num):

# check for factors

if (num % i) == 0:

# not a prime number so break inner loop and

# look for next number

break

else:

print(num)

1. for number in range(-100, 0, 1):

print(number)