Sets:

a={1,3,5,7,9,11,13,15,3,1,7}

b={2,4,5,13,10,3,11}

print(a,b) #sets

print(a|b) #union

print(a&b) #intersection

print(a-b) #difference

print(a^b) #symmetry

#string

str="Hello World, Welcome to Principal Global Services"

print(str)

print(str.index('d'))

print(len(str))

print(str.count('l'))

print(str.upper())

print(str.lower())

print(str.split())

print(str.split(","))

print(str.replace("World","India"))

print(str.capitalize())

#String Slicing

s="Nevergiveup"

print(s)

print(s[1:7])

print(s[1:])

print(s[:-6])

print(s[1:-4])

print(s[1:-1])

print(s[0:100])

print(s[0:9])

print(s[::])

print(s[::-1])

#print(s[1:-2])

print(s\*3)

print(s[0:11:2])

print(len(s))