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assignment 1

Create a dictionary from the list (examples)

1

my\_list =[1,3,4,5]

my\_list2=['a','b','c','d']

my\_dic=dict(zip(my\_list,my\_list2))

print(my\_dic)

set data structure

4 examples of set built-in functions

**-1)**

**def union(x,y):**

return x|y

d=union({1,2,3,4}, {"a","a","c","d"})

print(d)

2-

x={2,3,4,6}

y={3,4,3,8}

print(x.difference(y))

3-

x={"Ahmed","Ali","Nor"}

y={"a","b","c","Ahmed"}

z = x.intersection(y)

print(z)

3 examples of set operations

converting list to set and the opposite (examples)

How to write conditional statements with multiple conditions in a single statement (3 examples)

-1

x = True

y = True

if x and y:

print("Both x and y are True")

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2-

a = 10

b = 20

c = 30

d = 40

if (a > b) or (b < c) and (c < d):

print ("True")

else:

print ("False")

How are conditional statements with multiple conditions evaluated (explain)