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EDUFECT DATA SCIENCES

DS-A2#1

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Task 1	What will be printed on the screen
	import numpy as np
	list1 = [2,3,4,5]
	list2 = [5,3,6,2]
	x1 = np.array(list1)
	x2 = np.array(list2)
	y1 = x1 > x2
	print(y1)
	y2 = x1 >= x2
	print(y2)
	Also, what will be the output when (i)list1 = [2,5,7,4,11], list2=[1,5,10,4,6]
	(ii) list1 = [6], list2 = [3]

Task 2	What will be printed on the screen
	import numpy as np
	list1 = [2,3,4,5]
	list2 = [5,3,6,2]
	x1 = np.array(list1)
	x2 = np.array(list2)
	y1 = x1 < x2
	print(y1)
	y2 = x1 <= x2
	print(y2)
	Also, what will be the output when (i)list1 = [2,5,7,4,11], list2=[1,5,10,4,6] (ii) list1 = [6], list2 = [3]

Task 3	What will be printed on the screen
	import numpy as np
	list1 = [2,3,4,5]
	list2 = [5,3,6,2]
	x1 = np.array(list1)
	x2 = np.array(list2)
	y1 = x1 == x2
	print(y1)
	y2 = x1! = x2
	print(y2)
	Also, what will be the output when (i)list1 = [2,5,7,4,11], list2=[1,5,10,4,6]
	(ii) list1 = [6], list2 = [3]
	(, [6]) [6]