## 91-9582167401

## EDUFECT DATA SCIENCES

DS-A1#4

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Task 1	What will be printed on the screen	
	import numpy as np	
	list1 = [2,3,4,5]	
	list2 = [1,2,1,2]	
	x1 = np.array(list1)	
	x2 = np.array(list2)	
	x3 = x1 + x2	
	print(x3)	
	II. LDOI LOI. OOM	
	Also, what will be the output when (i)list1 = [2,5], list2=[1,4]	
	(ii) list1 = [6], list2 = [3]	
	III-IIW VENIUKE	

Task 2	What will be printed on the screen	
	import numpy as np	
	list1 = [2,3,4,5]	
	list2 = [1,2,1,2]	
	x1 = np.array(list1)	
	x2 = np.array(list2)	
	x3 = x1 - x2	
	print(x3)	
	Also, what will be the output when (i)list1 = [2,5], list2=[1,4]	
	(ii) list1 = [6], list2 = [3]	

Task 3	What will be printed on the screen	
	import numpy as np	
	list1 = [2,3,4,5]	
	list2 = [2,1,1,1]	
	x1 = np.array(list1)	
	x2 = np.array(list2)	
	x3 = x1 * x2	
	print(x3)	
	Also, what will be the output when (i)list1 = [2,3], list2=[4,5]	
	(ii) list1 = [6], list2 = [3]	

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Task 4	What will be printed on the screen
	import numpy as np
	list1 = [2,8,4,12]
	list2 = [1,2,1,2]
	x1 = np.array(list1)
	x2 = np.array(list2)
	x3 = x1 / x2
	print(x3)
	Also, what will be the output when (i)list1 = [2,12], list2=[1,4]

	(ii) list1 = [6], list2 = [3]
	III-IIW VENIURE
Task 5	What will be printed on the screen import numpy as np list1 = [2,3,4,5] list2 = [1,2,1,2] x1 = np.array(list1) x2 = np.array(list2) x3 = x1 ** x2 print(x3)  Also, what will be the output when (i)list1 = [2,5], list2=[1,4] (ii) list1 = [6], list2 = [3]
	LIT_LIM VENTURE

Task 6	What will be printed on the screen
	import numpy as np
	list1 = [1,2,3,4,5]
	list2 = [1,2,1,2,1]
	list3 = [2,3,4,5,6]
	x1 = np.array(list1)
	x2 = np.array(list2)
	x3 = np.array(list3)
	y1 = x1 + 2*x2
	print(y1)
	y2 = y1 - x3
	print(y2)
	y3 = y2 * x1
	print(y3)
	y4 = y3 ** x2
	print(y4)