#### 91-9582167401

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## EDUFECT DATA SCIENCES

DS-A1#3

Task 1	What will be printed on the screen
	import numpy as np list2 = [2,5,10]
	b = 1
	a = np.array([list2])
	a = a + b
	print(a)
	Also, what will be the output when (i)list2 = [1 2 3 4] h=3

(ii) list2 = [20], b = 6

Task 2	What will be printed on the screen
	import numpy as np
	list2 = [3,4,5,6]
	b = 1
	a = np.array([list2])
	a = a + 3*b
	print(a)
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	Also, what will be the output when (i)list2 = [1,2,3,4], b=3
	(ii) list2 = [20], b = 6

Task 3	What will be printed on the screen import numpy as np list2 = [1,2,3,4] a = np.array([list2]) a = a * 4 print(a)
	Also, what will be the output when (i)list2 = [2,5] (ii) list2 = [11]

Task 4	What will be printed on the screen
	import numpy as np
	list2 = [3,6,9]
	x = 3
	a = np.array([list2])
	a = a / x
	print(a)
	Also, what will be the output when (i)list2 = [2,4,8,10], x=2
	(ii) list2 = [25,10,10,20,30], x=5

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Task 5	What will be printed on the screen
	import numpy as np
	list2 = [1,2,3,4]
	a = np.array([list2])
	a = a ** 2
	print(a)
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	Also, what will be the output when (i)list2 = [2,5] (ii) list2 = [11]

Task 6	What will be printed on the screen
	import numpy as np
	11312 - [1,3,3,2]
	a = np.array([list2])
	m = 2
	n = 6
	p = 5
	a = a + 2*m
	a = a*p
	a = a - n
	print(a)
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	Also, what will be the output when (i)list2 = [4]

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