n []	
[]	
	Net Promoter Score
[7] [8]	!pip install numpy
[9]	
[10] [10] [11]	list
	b [1, 4, 9, 16, 25]
[12] [12]	C (51. 0. 0. 1. 51)
[13] [13]	numpu ndo srav
[14]	array([1, 4, 9, 16, 25]) c+1
[15] [16] [16]	
[18]	
[19] [19] [20]	
[]	25.7 ms ± 166 μs per loop (mean ± std. dev. of 7 runs, 10 loops each)
[22] [23]	N
[24]	29.2 μs ± 183 ns per loop (mean ± std. dev. of 7 runs, 10000 loops each)
[] [25]	a=np.array([1,2,3,4])
[25] [26]	type(a)
[26] [27] [27]	dtype (lint641)
[28]	b array([1, 2, 3, 4.0]) array([1., 2., 3., 4.])
[29] [29] [30]	<pre>dtype('float64') b=np.array([1,2,3,"scaler"])</pre>
[30] [31]	: b.dtype
[31] [32] [32]	c=np.array([1,2,3,4.0,"scaler"]) c
[33] [33]	c=np.array([1,2,3,4.0,"scaler",True]) c
[34] [34]	d
[35] [35]	d
[36] [36]	dtype(' <u1')< td=""></u1')<>
[37] [37]	Tange(100)
[38] [38]	range(1, 100)
[39] [43]	
[45]	# print(i)
[46]	Tip at ange (100)
	17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67,
	17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99]) **Inp.arange(1,100) **array([1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17,
[47]	17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99]) np.arange(1,100) array([1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99])
[47] [49]	17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99]) np.arange(1,100) array([1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99]) np.arange(1,100,2) array([1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, 51, 53, 55, 57, 59, 61, 63, 65, 67, 69, 71, 73, 75, 77, 79, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99])
[47] [49] [49]	17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99]) array([1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 76, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99]) array([1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, 51, 59, 69, 77, 98, 99]) np.arange(1,100,2) array([1, 1, 1.5, 2, 2, 2.5, 3, 3, 3.5, 4, 4.5, 5.7, 59, 61, 63, 65, 67, 69, 71, 73, 75, 77, 79, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99]) np.arange(1,100,0.5) array([1, 1, 1.5, 2, 2.5, 3.7, 3.5, 57, 59, 61, 63, 65, 67, 69, 71, 73, 75, 77, 79, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99])
[47] [49] [49]	17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 87, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99]) np.arange(1,100) array([1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 32, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99]) np.arange(1,100,2) array([1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 33, 33, 39, 34, 34, 44, 45, 45, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 52, 63, 64, 65, 66, 67, 68, 69, 71, 73, 75, 77, 79, 81, 83, 89, 91, 93, 95, 97, 99]) np.arange(1,100,0.5) array([1, 1, 1, 5, 2, 2, 2, 5, 3, 3, 3, 4, 4, 4, 5, 5, 5, 5, 6, 6, 6, 7, 69, 71, 73, 75, 77, 79, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99]) np.arange(1,100,0.5) array([1, 1, 1, 5, 2, 2, 2, 5, 3, 3, 3, 5, 4, 4, 4, 5, 5, 5, 5, 6, 6, 6, 7, 6, 7, 7, 7, 8, 8, 8, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9,
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[47] [49] [50] [50]	17, 26, 19, 26, 21, 22, 22, 24, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 33, 33, 35, 36, 37, 30, 30, 41, 42, 23, 46, 36, 47, 43, 48, 36, 48, 48, 48, 48, 48, 48, 48, 48, 48, 48
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[47] [49] [50] [51] [51] [7] [7] [7] [7] [7] [8] [9] [9] [10] [11] [11] [12] [13] [13] [14] [15] [15] [15] [15] [15] [15] [15] [15	5.5 1 1 10 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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[47] [49] [50] [50] [51] [7] [7] [7] [8] [8] [9] [9] [10] [11] [11] [12] [13] [13] [13] [13] [13] [13] [13] [13	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
[47] [49] [50] [50] [51] [7] [7] [7] [8] [9] [9] [10] [11] [11] [12] [13] [13] [13] [14] [15] [15] [17] [17] [17] [18] [18] [18] [18] [18] [18] [18] [18	Section 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
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[47] [49] [50] [50] [51] [7] [7] [7] [7] [8] [7] [8] [9] [9] [9] [9] [9] [9] [9] [9] [9] [9	Section 2.
[47] [49] [50] [50] [51] [7] [7] [7] [7] [8] [9] [9] [9] [10] [11] [12] [13] [13] [13] [14] [15] [17] [17] [17] [17] [18] [18] [18] [18] [18] [18] [18] [18	### 15
[47] [49] [50] [50] [51] [7] [7] [7] [8] [8] [9] [9] [9] [9] [9] [9] [9] [9] [9] [9	Compared
	### CONTROL AND MAN SECTION SE