

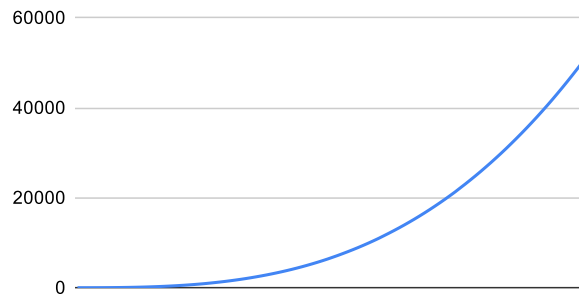
addNums100Timing	937.927				Runtime (39000000 increment)	46				
addNums100Timing	985.807				Runtime (40000000 increment)	48				
addNums100Timing	1035				Runtime (41000000 increment)	48				
addNums100Timing	1084				Runtime (42000000 increment)	49				
addNums100Timing	1135				Runtime (43000000 increment)	50				
addNums100Timing	1188				Runtime (44000000 increment)	52				
addNums100Timing	1243				Runtime (45000000 increment)	55				
addNums100Timing	1298				Runtime (46000000 increment)	55				
addNums100Timing	1353				Runtime (47000000 increment)	55				
addNums100Timing	1410				Runtime (48000000 increment)	57				
addNums100Timing	1468				Runtime (49000000 increment)	58				
addNums100Timing	1528				Runtime (50000000 increment)	59				
addNums100Timing	1588				Runtime (51000000 increment)	60				
addNums100Timing	1650				Runtime (52000000 increment)	61				
addNums100Timing	1713				Runtime (53000000 increment)	63				
addNums100Timing	1777				Runtime (54000000 increment)	64				
addNums100Timing	1843				Runtime (55000000 increment)	65				
addNums100Timing	1909				Runtime (56000000 increment)	66				
addNums100Timing	1977				Runtime (57000000 increment)	68				
addNums100Timing	2046				Runtime (58000000 increment)	69				
addNums100Timing	2116				Runtime (59000000 increment)	70				
addNums100Timing	2188				Runtime (60000000 increment)	71				
addNums100Timing	2260				Runtime (61000000 increment)	72				
addNums100Timing	2334				Runtime (62000000 increment)	73				
addNums100Timing	2409				Runtime (63000000 increment)	75				
addNums100Timing	2485				Runtime (64000000 increment)	75				
addNums100Timing	2563				Runtime (65000000 increment)	78				
addNums100Timing	2641				Runtime (66000000 increment)	78				
addNums100Timing	2721				Runtime (67000000 increment)	79				
addNums100Timing	2802				Runtime (68000000 increment)	81				
addNums100Timing	2883				Runtime (69000000 increment)	81				
addNums100Timing	2966				Runtime (70000000 increment)	82				
addNums100Timing	3051				Runtime (71000000 increment)	84				
addNums100Timing	3138				Runtime (72000000 increment)	87				
addNums100Timing	3225				Runtime (73000000 increment)	86				
addNums100Timing	3315				Runtime (74000000 increment)	90				
addNums100Timing	3404				Runtime (75000000 increment)	89				
addNums100Timing	3494				Runtime (76000000 increment)	90				
addNums100Timing	3585				Runtime (77000000 increment)	91				
addNums100Timing	3678				Runtime (78000000 increment)	93				

addNums100Timing	3771					Runtime (79000000 increment)	93				
addNums100Timing	3866					Runtime (80000000 increment)	94				
addNums100Timing	3962					Runtime (81000000 increment)	96				
addNums100Timing	4059					Runtime (82000000 increment)	97				
addNums100Timing	4158					Runtime (83000000 increment)	99				
addNums100Timing	4257					Runtime (84000000 increment)	99				
addNums100Timing	4358					Runtime (85000000 increment)	100				
addNums100Timing	4460					Runtime (86000000 increment)	101				
addNums100Timing	4565					Runtime (87000000 increment)	105				
addNums100Timing	4669					Runtime (88000000 increment)	104				
addNums100Timing	4775					Runtime (89000000 increment)	106				
addNums100Timing	4881					Runtime (90000000 increment)	106				
addNums100Timing	4989					Runtime (91000000 increment)	107				
addNums100Timing	5098					Runtime (92000000 increment)	109				
addNums100Timing	5209					Runtime (93000000 increment)	111				
addNums100Timing	5321					Runtime (94000000 increment)	112				
addNums100Timing	5436					Runtime (95000000 increment)	115				
addNums100Timing	5552					Runtime (96000000 increment)	115				
addNums100Timing	5667					Runtime (97000000 increment)	115				
addNums100Timing	5783					Runtime (98000000 increment)	116				
addNums100Timing	5900					Runtime (99000000 increment)	117				
addNums100Timing	6018					Runtime (100000000 increment)	118				

addManyNums(500): timestamps

addManyNums100Timing	0.274
addManyNums100Timing	0.983
addManyNums100Timing	2.473
addManyNums100Timing	5.117
addManyNums100Timing	9.025
addManyNums100Timing	14.555
addManyNums100Timing	22.4
addManyNums100Timing	32.462
addManyNums100Timing	44.537
addManyNums100Timing	59.404
addManyNums100Timing	77.365
addManyNums100Timing	98.7
addManyNums100Timing	123.807

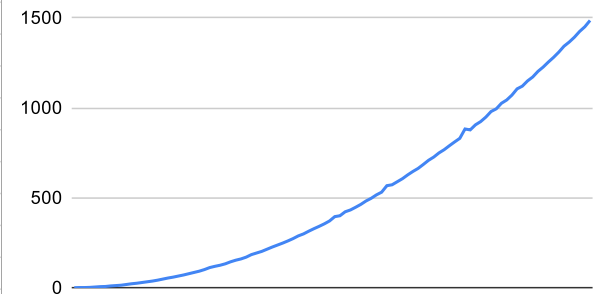
Time complexity: Quadratic growth - $O(n^2)$



addManyNums(500): each call

Runtime (500 increment)	0
Runtime (1000 increment)	1
Runtime (1500 increment)	1
Runtime (2000 increment)	2
Runtime (2500 increment)	4
Runtime (3000 increment)	6
Runtime (3500 increment)	7
Runtime (4000 increment)	10
Runtime (4500 increment)	12
Runtime (5000 increment)	14
Runtime (5500 increment)	18
Runtime (6000 increment)	22
Runtime (6500 increment)	25

Time complexity: Quadratic growth - $O(n^2)$



addManyNums100Timing	152.896				Runtime (7000 increment)	29				
addManyNums100Timing	186.458				Runtime (7500 increment)	33				
addManyNums100Timing	224.437				Runtime (8000 increment)	37				
addManyNums100Timing	267.292				Runtime (8500 increment)	42				
addManyNums100Timing	315.282				Runtime (9000 increment)	48				
addManyNums100Timing	368.914				Runtime (9500 increment)	54				
addManyNums100Timing	428.134				Runtime (10000 increment)	59				
addManyNums100Timing	493.423				Runtime (10500 increment)	65				
addManyNums100Timing	565.066				Runtime (11000 increment)	71				
addManyNums100Timing	643.379				Runtime (11500 increment)	78				
addManyNums100Timing	728.592				Runtime (12000 increment)	85				
addManyNums100Timing	821.107				Runtime (12500 increment)	92				
addManyNums100Timing	922.355				Runtime (13000 increment)	101				
addManyNums100Timing	1036				Runtime (13500 increment)	112				
addManyNums100Timing	1155				Runtime (14000 increment)	119				
addManyNums100Timing	1280				Runtime (14500 increment)	125				
addManyNums100Timing	1414				Runtime (15000 increment)	133				
addManyNums100Timing	1558				Runtime (15500 increment)	144				
addManyNums100Timing	1711				Runtime (16000 increment)	153				
addManyNums100Timing	1872				Runtime (16500 increment)	160				
addManyNums100Timing	2044				Runtime (17000 increment)	170				
addManyNums100Timing	2228				Runtime (17500 increment)	184				
addManyNums100Timing	2421				Runtime (18000 increment)	193				
addManyNums100Timing	2623				Runtime (18500 increment)	202				
addManyNums100Timing	2837				Runtime (19000 increment)	214				
addManyNums100Timing	3063				Runtime (19500 increment)	226				
addManyNums100Timing	3301				Runtime (20000 increment)	237				
addManyNums100Timing	3549				Runtime (20500 increment)	248				
addManyNums100Timing	3809				Runtime (21000 increment)	260				
addManyNums100Timing	4083				Runtime (21500 increment)	273				
addManyNums100Timing	4371				Runtime (22000 increment)	288				
addManyNums100Timing	4670				Runtime (22500 increment)	299				
addManyNums100Timing	4984				Runtime (23000 increment)	314				
addManyNums100Timing	5312				Runtime (23500 increment)	328				
addManyNums100Timing	5653				Runtime (24000 increment)	341				
addManyNums100Timing	6008				Runtime (24500 increment)	355				
addManyNums100Timing	6379				Runtime (25000 increment)	371				
addManyNums100Timing	6774				Runtime (25500 increment)	395				
addManyNums100Timing	7175				Runtime (26000 increment)	400				
addManyNums100Timing	7597				Runtime (26500 increment)	422				

addManyNums100Timing	8029				Runtime (27000 increment)	432				
addManyNums100Timing	8476				Runtime (27500 increment)	447				
addManyNums100Timing	8939				Runtime (28000 increment)	463				
addManyNums100Timing	9422				Runtime (28500 increment)	482				
addManyNums100Timing	9919				Runtime (29000 increment)	497				
addManyNums100Timing	10435				Runtime (29500 increment)	516				
addManyNums100Timing	10968				Runtime (30000 increment)	531				
addManyNums100Timing	11535				Runtime (30500 increment)	567				
addManyNums100Timing	12107				Runtime (31000 increment)	572				
addManyNums100Timing	12696				Runtime (31500 increment)	589				
addManyNums100Timing	13302				Runtime (32000 increment)	606				
addManyNums100Timing	13929				Runtime (32500 increment)	627				
addManyNums100Timing	14575				Runtime (33000 increment)	646				
addManyNums100Timing	15238				Runtime (33500 increment)	663				
addManyNums100Timing	15924				Runtime (34000 increment)	685				
addManyNums100Timing	16632				Runtime (34500 increment)	708				
addManyNums100Timing	17358				Runtime (35000 increment)	726				
addManyNums100Timing	18107				Runtime (35500 increment)	749				
addManyNums100Timing	18874				Runtime (36000 increment)	767				
addManyNums100Timing	19663				Runtime (36500 increment)	789				
addManyNums100Timing	20474				Runtime (37000 increment)	810				
addManyNums100Timing	21304				Runtime (37500 increment)	830				
addManyNums100Timing	22187				Runtime (38000 increment)	882				
addManyNums100Timing	23064				Runtime (38500 increment)	877				
addManyNums100Timing	23970				Runtime (39000 increment)	905				
addManyNums100Timing	24893				Runtime (39500 increment)	923				
addManyNums100Timing	25841				Runtime (40000 increment)	948				
addManyNums100Timing	26820				Runtime (40500 increment)	979				
addManyNums100Timing	27814				Runtime (41000 increment)	994				
addManyNums100Timing	28839				Runtime (41500 increment)	1025				
addManyNums100Timing	29882				Runtime (42000 increment)	1043				
addManyNums100Timing	30952				Runtime (42500 increment)	1070				
addManyNums100Timing	32057				Runtime (43000 increment)	1105				
addManyNums100Timing	33178				Runtime (43500 increment)	1120				
addManyNums100Timing	34327				Runtime (44000 increment)	1149				
addManyNums100Timing	35499				Runtime (44500 increment)	1171				
addManyNums100Timing	36701				Runtime (45000 increment)	1202				
addManyNums100Timing	37927				Runtime (45500 increment)	1226				
addManyNums100Timing	39181				Runtime (46000 increment)	1254				
addManyNums100Timing	40461				Runtime (46500 increment)	1280				

addManyNums100Timing	41770					Runtime (47000 increment)	1309				
addManyNums100Timing	43112					Runtime (47500 increment)	1342				
addManyNums100Timing	44478					Runtime (48000 increment)	1365				
addManyNums100Timing	45870					Runtime (48500 increment)	1392				
addManyNums100Timing	47294					Runtime (49000 increment)	1424				
addManyNums100Timing	48744					Runtime (49500 increment)	1450				
addManyNums100Timing	50229					Runtime (50000 increment)	1485				