

```
GenerateList[x] := x + 42;
```

```
GenerateList[1 → 10000]
```

```
GenerateList[1 → 10000]
```

```
x = Range[1, 10000]; h = 7 + (x * 42);
```

```
List[h]
```

```
{49, 91, 133, 175, 217, 259, 301, 343, 385, 427, 469, 511, 553, 595, 637, 679, 721, 763, 805, 847, 889, 931, 973, 1015, 1057, 1099, 1141, 1183, 1225, 1267, 1309, 1351, 1393, 1435, 1477, 1519, 1561, 1603, 1645, 1687, 1729, 1771, 1813, 1855, 1897, 1939, 1981, 2023, 2065, 2107, 2149, 2191, 2233, 2275, 2317, 2359, 2401, 2443, 2485, 2527, 2569, 2611, 2653, 2695, 2737, 2779, 2821, 2863, 2905, 2947, 2989, 3031, 3073, 3115, 3157, 3199, 3241, 3283, 3325, 3367, 3409, 3451, 3493, 3535, 3577, 3619, 3661, 3703, 3745, 3787, 3829, 3871, 3913, 3955, 3997, 4039, 4081, 4123, 4165, 4207, 4249, 4291, 4333, 4375, 4417, 4459, 4501, 4543, 4585, 4627, 4669, 4711, 4753, 4795, 4837, 4879, 4921, 4963, 5005, 5047, 5089, 5131, 5173, 5215, 5257, 5299, 5341, 5383, 5425, 5467, 5509, 5551, 5593, 5635, 5677, 5719, 5761, 5803, 5845, 5887, 5929, 5971, 6013, 6055, 6097, 6139, 6181, 6223, 6265, 6307, 6349, 6391, 6433, 6475, 6517, 6559, 6601, 6643, 6685, 6727, 6769, 6811, 6853, 6895, 6937, 6979, 7021, 7063, 7105, 7147, 7189, 7231, 7273, 7315, 7357, 7399, 7441, 7483, 7525, 7567, 7609, 7651, 7693, 7735, 7777, 7819, 7861, 7903, 7945, 7987, 8029, 8071, 8113, 8155, 8197, 8239, 8281, 8323, 8365, 8407, 8449, 8491, 8533, 8575, 8617, 8659, 8701, 8743, 8785, 8827, 8869, 8911, 8953, 8995, 9037, 9079, 9121, 9163, 9205, 9247, 9289, 9331, 9373, 9415, 9457, 9499, 9541, 9583, 9625, 9667, 9709, 9751, 9793, 9835, 9877, 9919, 9961, 10003, 10045, 10087, 10129, 10171, 10213, 10255, 10297, 10339, 10381, 10423, 10465, 10507, 10549, 10591, 10633, 10675, 10717, 10759, 10801, 10843, 10885, 10927, 10969, 11011, 11053, 11095, 11137, 11179, 11221, 11263, 11305, 11347, 11389, 11431, 11473, 11515, 11557, 11599, 11641, 11683, 11725, 11767, 11809, 11851, 11893, 11935, 11977, 12019, 12061, 12103, 12145, 12187, 12229, 12271, 12313, 12355, 12397, 12439, 12481, 12523, 12565, 12607, 12649, 12691, 12733, 12775, 12817, 12859, 12901, 12943, 12985, 13027, 13069, 13111, 13153, 13195, 13237, 13279, 13321, 13363, 13405, 13447, 13489, 13531, 13573, 13615, 13657, 13699, 13741, 13783, 13825, 13867, 13909, 13951, 13993, 14035, 14077, 14119, 14161, 14203, 14245, 14287, 14329, 14371, 14413, 14455, 14497, 14539, 14581, 14623, 14665, 14707, 14749, 14791, 14833, 14875, 14917, 14959, 15001, 15043, 15085, 15127, 15169, 15211, 15253, 15295, 15337, 15379, 15421, 15463, 15505, 15547, 15589, 15631, 15673, 15715, 15757, 15799, 15841, 15883, 15925, 15967, 16009, 16051, 16093, 16135, 16177, 16219, 16261, 16303, 16345, 16387, 16429, 16471, 16513, 16555, 16597, 16639, 16681, 16723, 16765, 16807, 16849, 16891, 16933, 16975, 17017, 17059, 17101, 17143, 17185, 17227, 17269, 17311, 17353, 17395, 17437, 17479, 17521, 17563, 17605, 17647, 17689, 17731, 17773, 17815, 17857, 17899, 17941, 17983, 18025, 18067, 18109, 18151, 18193, 18235, 18277, 18319, 18361, 18403, 18445, 18487, 18529, 18571, 18613, 18655, 18697, 18739, 18781, 18823, 18865, 18907, 18949, 18991, 19033, 19075, 19117, 19159, 19201, 19243, 19285, 19327, 19369, 19411, 19453, 19495, 19537, 19579, 19621, 19663, 19705, 19747, 19789, 19831, 19873, 19915, 19957, 19999, 20041, 20083, 20125, 20167, 20209, 20251, 20293, 20335, 20377, 20419, 20461, 20503, 20545, 20587, 20629, 20671, 20713, 20755, 20797, 20839, 20881, 20923, 20965, 21007, 21049, 21091, 21133, 21175, 21217, 21259, 21301, 21343, 21385, 21427, 21469, 21511, 21553, 21595, 21637, 21679, 21721, 21763, 21805, 21847, 21889, 21931, 21973, 22015, 22057, 22099, 22141, 22183, 22225, 22267, 22309, 22351, 22393, 22435, 22477, 22519, 22561, 22603, 22645, 22687, 22729, 22771, 22813, 22855, 22897, 22939, 22981, 23023, 23065, 23107, 23149, 23191, 23233, 23275, 23317, 23359, 23401, 23443, 23485, 23527, 23569, 23611, 23653, 23695, 23737, 23779, 23821, 23863, 23905, 23947, 23989, 24031, 24073, 24115, 24157, 24199, 24241, 24283, 24325, 24367, 24409, 24451, 24493, 24535, 24577, 24619, 24661, 24703, 24745, 24787, 24829, 24871, 24913, 24955, 24997, 25039, 25081, 25123, 25165, 25207, 25249, 25291, 25333, 25375, 25417, 25459, 25501, 25543, 25585, 25627, 25669, 25711, 25753, 25795, 25837, 25879, 25921, 25963, 26005, 26047, 26089, 26131, 26173, 26215, 26257, 26299, 26341, 26383, 26425, 26467, 26509, 26551, 26593, 26635, 26677, 26719, 26761, 26803, 26845, 26887, 26929, 26971, 27013, 27055, 27097, 27139, 27181, 27223, 27265, 27307, 27349, 27391, 27433, 27475, 27517, 27559, 27601, 27643, 27685, 27727, 27769, 27811, 27853, 27895, 27937, 27979, 28021, 28063, 28105, 28147, 28189, 28231, 28273, 28315, 28357, 28399, 28441, 28483, 28525, 28567, 28609, 28651, 28693, 28735, 28777, 28819, 28861, 28903, 28945, 28987, 29029, 29071, 29113, 29155, 29197, 29239, 29281, 29323, 29365,
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