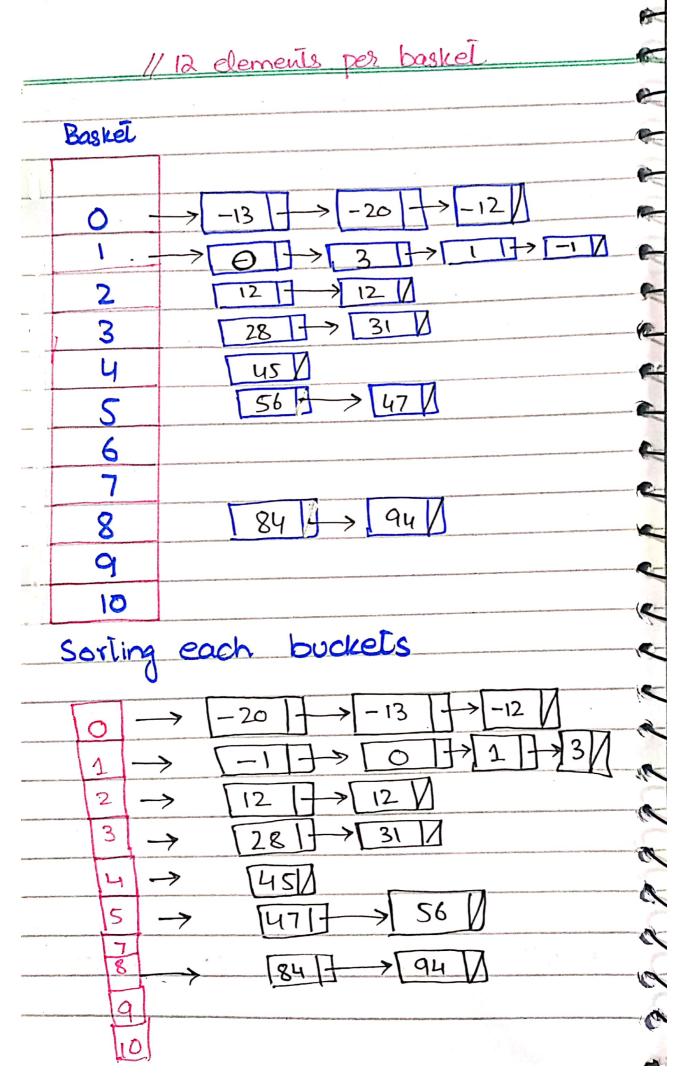
Algo Bucket Sort	-
11	1
	2
0 7	1
Il time in combining them	-
11 A good idea is to go with	1
11 square root of Kange or Close	-
	-
Kange / Day 1	
	1
4 11 create bucket Array Linked List	1
5 // Assign numbers from assay to  // the proper bucket using  // hashing function	
11 the proper bucket using	-
// hashing function	
	-
6 Sort Buckets	1
7 Merge Buckels	1
	in.

Array = 56, 12, 84, 28, 0, -13, 47, 94, 31, 12, -20, 45, 3, 1, -12, -1 Max = 94Min = -20 Range = 94 - (-20) = 114 Buckets = 1114 = 10.67... & 10 Element = Range = 114 = 11.4 elements Baskets Bucket  $\sim$  12 12,12, 28, -13, -20 0,3, 45 31, 19 -1235-46 11-22 23-34 -20,-8 -9,10 56,47 84, 94 71-82 83-94 95-106 47-58 59-70



## Merging the buckel values in I array

-20, -13, -12, -1, 0, 1, 3, 12, 12, 28, 31, 45, 47, 56, 84, 94