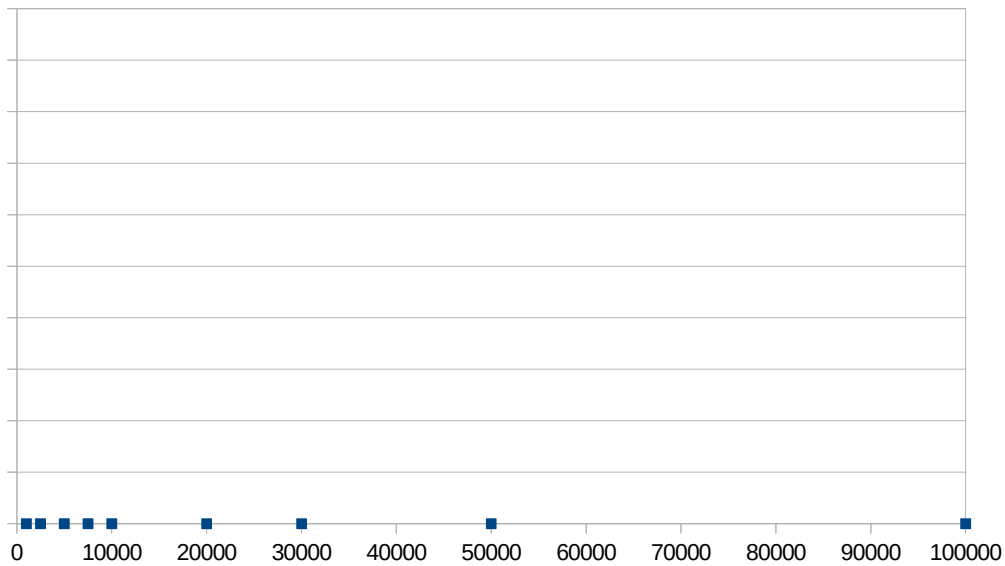
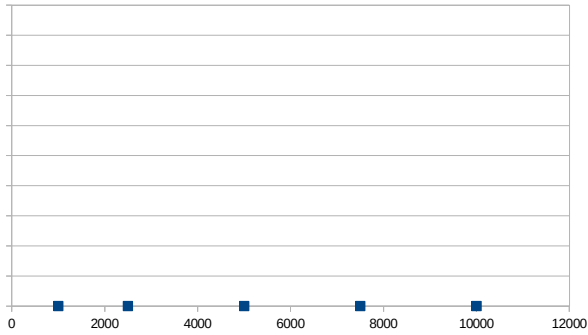


Name: _____ ID: _____

Closest pairs.

Running time comparisons

n	Slow: $O(n^2)$	Fast: $O(n \log n)$
1,000		
2,500		
5,000		
7,500		
10,000		
20,000		
30,000		
50,000		
100,000		



Sorting.

Running time comparisons

n	Slow: $O(n^2)$	Fast: $O(n \log n)$
1,000		
2,500		
5,000		
7,500		
10,000		
20,000		
30,000		
50,000		
100,000		

