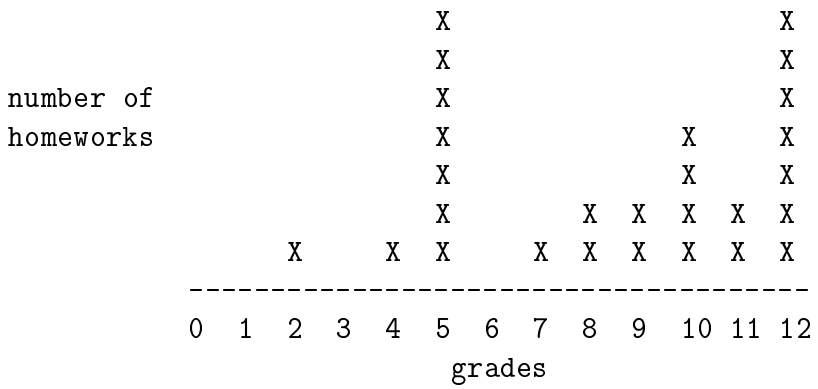
Analysis of Algorithms: Results of Assignment 7



The histogram shows the distribution of grades for the homeworks submitted on time, *including* the early-submission bonus.

The output of the BFS and DFS algorithms depends on the order of vertices in the adjacency lists of the input graph. The following table shows *all* possible outputs of correctly implemented algorithms, for the graph given in the assignment.

Correct BFS outputs	Correct DFS outputs
1 2 4 8 3 5 7 9	1 2 3 5 9 4 7 8 6 10
1 2 4 8 5 3 7 9	1 2 3 5 9 8 4 7 6 10
1 2 8 4 3 5 7 9	1 2 5 9 3 4 7 8 6 10
1 2 8 4 5 3 7 9	1 2 5 9 3 8 4 7 6 10
1 4 2 8 7 3 5 9	1 4 7 8 2 3 5 9 6 10
1 4 2 8 7 5 3 9	1 4 7 8 2 5 9 3 6 10
1 4 8 2 7 3 5 9	1 8 4 7 2 3 5 9 6 10
1 4 8 2 7 5 3 9	1 8 4 7 2 5 9 3 6 10
1 8 2 4 3 5 7 9	
1 8 2 4 5 3 7 9	
1 8 4 2 7 3 5 9	
1 8 4 2 7 5 3 9	