Week	Content (tentative plan, color of INF102 is green)
34.L1	Queues and Stacks
34.L2	Analysis of Algorithms
35.L1	Union-Find
35.L2	Elementary Sorts
35.W	1.3: 3,4,5,12,13; 1.4: 5,6,8
36.L1	Mergesort
36.L2	Quicksort
36.W	1.4: 12,14,24; 1.5: 8,9,12,14
37.L1	Priority Queues
37.L2	Applications of Sorting
37.W	2.1: 8, 10, 14, 15, 25; 2.2: 4, 8, 21, 28
38.Ho1	Hand out first compulsory assignment
38.L1	Symbol Tables
38.L2	Binary Search Trees
38.W	2.3: 2, 4, 6, 15, 25; 2.4: 4, 7, 8
39.L1	Balanced Binary Search Trees I (2-3 search trees)
39.L2	No lecture
39.Dl1	Deadline first assignment
40.L1	Balanced Binary Search Trees II (red-black search trees)
40.L2	Hash Tables
40.W	2.4: 18, 29; 2.5: 1; 3.1: 13, 14, 31
41.Ho2	Hand out second compulsory assignment
41.L1	Applications of Searching
41.L2	Summary Chapters 1, 2, 3
41.W	3.2: 1, 4, 6, 13, 18, 24, 27; 3.3: 1, 2
42.L1	”På vei” week, no lectures
42Dl2	Deadline second assignment
43.L1	Undirected Graphs, Representation and Depth-first search
43.L2	Breadth-first search, Connected components and Degrees of separation
43.W	3.3: 4, 9; 3.4: 1, 12, 13, 23, 31, 38
44.Ho3	Hand out third compulsory assignment
44.L1	Directed Graphs, Depth first search and Topological Sort
44.L2	Prim’s Algorithm
44.W	4.1: 1, 2, 9, 10, 12, 16, 33, 38; 4.2: 4, 7
45.L1	Kruskal’s Algorithm
45.L2	No lecture
45.Dl3	Deadline third assignment
46.L1	Weighted Graphs and Dijkstra
46.L2	Summary Chapter 4
46.W	4.2: 10, 27, 28, 32, 39, 42; 4.3: 1, 3, 4, 6
47.Li	Repetition and Exercises
47.W	4.3: 8, 12, 19, 39; 4.4: 1, 8, 15, 16, 24, 25
48	Q&A, Exam 27 November