

CS312-Computing Algorithms

Week	Lecture	Section	Homework
Week 1	Introduction Sorting	Implement Linear and Binary Search	
Week 2	Algorithms Analysis and Recurrences	Sheet 1	Problems Assigned from Sheet 1
Week 3	Brute Force Algorithm	Sheet 2	Problems Assigned from Sheet 2
Week 4	Dynamic Programming		
Week 5	Divide and Conquer		
Week 6	Greedy Algorithms		
Week 7	7th Week Exam		
Week 8	Back-Tracking		
Week 9	Graph Algorithms		
Week 10	String Matching		
Week 11	Computational Geometry		
Week 12	12th Week Exam	Review Questions	
Week 13	NP-Completeness		
Week 14	NP-Completeness cont.		
Week 15	Revision	Revision	Revision
Week 16	Final Exam		

7th Week Grade	Exam (20%)	Section Quiz (10%)
12th Week Grade	Exam (15%)	Section Quiz (5%)
Year Work	Homework (10%)	
Final	Exam (40%)	