

测试2预测考点

如下的考点在星期五的课上已经给出，如果上次你没有抄下，可以参考这个

Algorithms (算法)

- Divide and conquer algorithms (分治法)
- Binary search (二叉搜索)
- Merge sort (融合排序)
- Greedy algorithms (贪婪算法)
- Optimization problems (最优化问题)
 - Knapsack problems (背包问题)
- Depth-First Search/Breadth-First Search (广度优先搜索和深度优先搜索)
- Branch and bound (分支定界算法)
- Decision trees (决策树)
- Orders of growth (增长顺序)
 - Exponential (指数)
 - Polynomial (多项式)
 - Linear (线性)
 - Log (对数)
- Amortized analysis (平摊分析)

Linguistic issues (语言问题)

- Exceptions (例外)
- Polymorphism (多形性)
- Modules (组件)
- Classes and OO (类和面向对象编程)

Simulation (模拟)

- Random walks (随机移动)
- Monte Carlo methods (蒙特卡洛方法)
- When you should believe the answer (什么时候该相信答案)

Graphing data (图形数据)