

Project

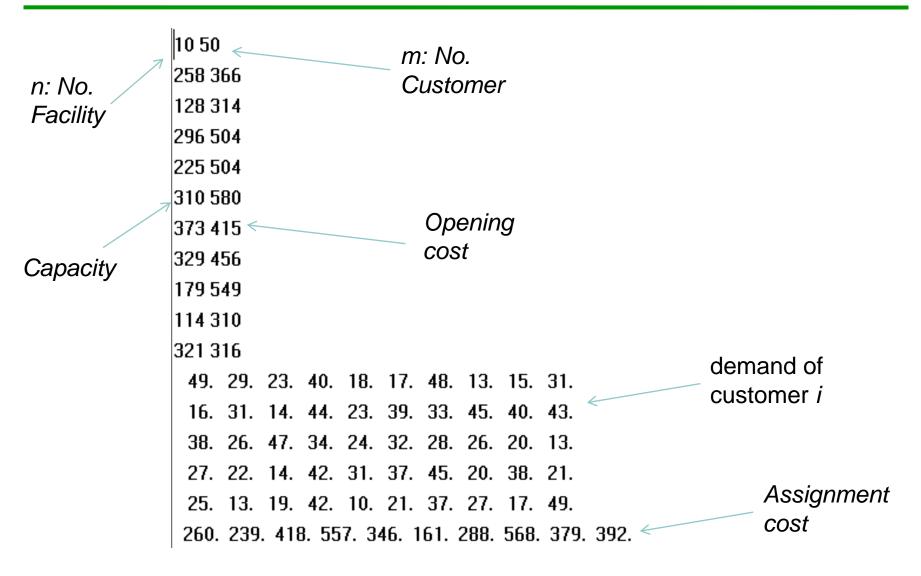
Algorithm Design

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Capacitated Facility Location Problem

- Suppose there are n facilities and m customers. We wish to choose:
- (1) which of the n facilities to open
- (2) the assignment of customers to facilities
- The objective is to minimize the sum of the opening cost and the assignment cost.
- The total demand assigned to a facility must not exceed its capacity.

Problem Instance

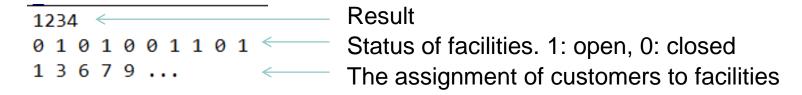


Submission

- Complete at lease two algorithms to solve the problem.
- Obtain the results for 71 benchmark instances.
- Update your blog with the following:
 - A report of your solution framework
 - Your program with comments
 - Result table

	Result	Time(s)
p1		
p2		
p71		

Detailed solution for each instance in 3 lines.



Deadline

• Dec. 23

Thank you!

