

Introduction to Artificial Intelligence



COMP307/420

Tutorial: Week 11

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Announcements

- Assignment 4 due next Wednesday
 - You can complete everything now
 - VRP question:
 - N32-K5: $NN = 1146.4$; Savings = 843.7
- Helpdesk 2 hours
- Assignment 3 and Test 1 marks to be out next week

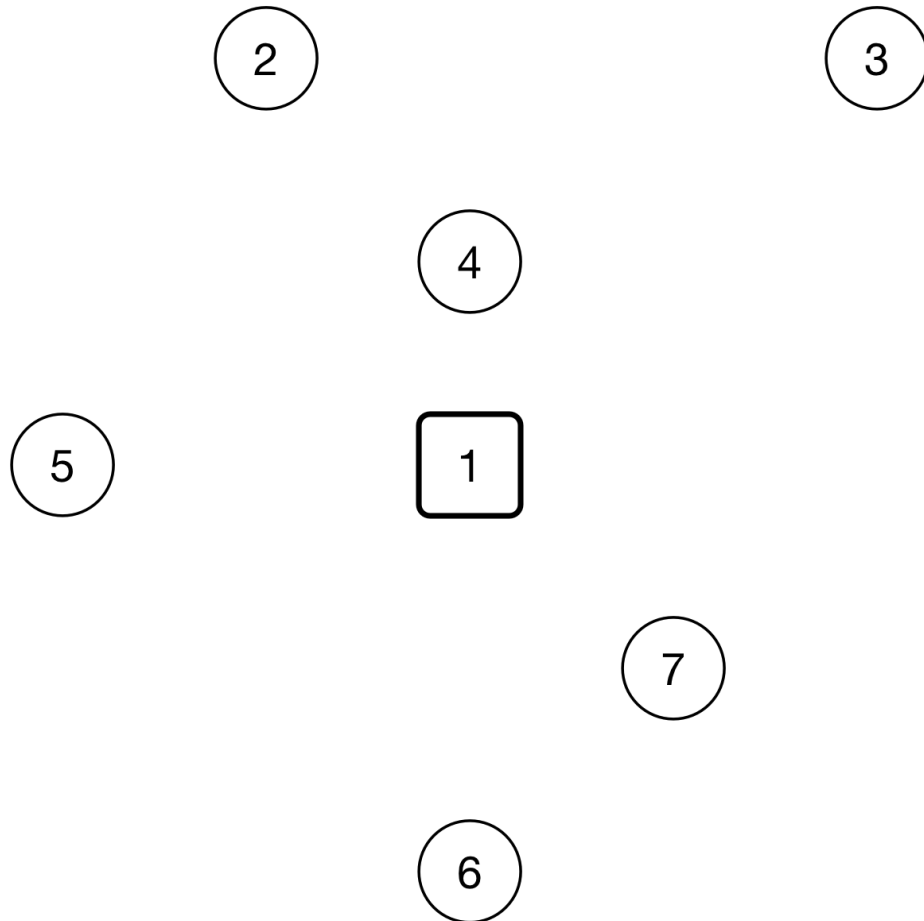
Generate Schedule by SPT

	Arrive	ProcTime		
		AddEngine	AddWheels	Inspect
Job 1	0	30	30	10
Job 2	0	60	15	10
Job 3	10	20	30	10

Generate Schedule by FCFS

	Arrive	ProcTime		
		AddEngine	AddWheels	Inspect
Job 1	0	30	30	10
Job 2	0	60	15	10
Job 3	10	20	30	10

Generate VRP Solution



	1	2	3	4	5	6	7
1	0	2.2	2.8	1	2	2	1.4
2	2.2	0	3	1.4	2.2	4.1	3.6
3	2.8	3	0	2.2	4.5	4.5	3.2
4	1	1.4	2.2	0	2.2	3	2.2
5	2	2.2	4.5	2.2	0	2.8	3.2
6	2	4.1	4.5	3	2.8	0	1.4
7	1.4	3.6	3.2	2.2	3.2	1.4	0

Capacity = 3