



SUMMER WORKSHOP ON

MODEL THINKING

1 JUNE TO 6 JUNE, 2018

Takeaways:

- 'Model Thinking' the Computer Science Problems
- Industry/Hobby Projects for Summer (Optional)
- **Related a**nd Extendable Mini Projects (V Sem, Optional)

Registration Deadline: 30 May 2018, 5.00pm.

To Register:

Send an email to: prakash.hegade@gmail.com stating your interest to attend.



School of Computer Presentation

Model Thinking Workshop – Attendance Sheet June 01 to 06, 2018

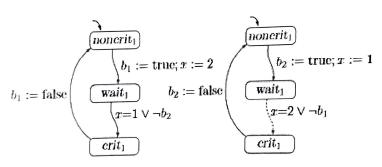
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Knit Arena

Model Thinking Workshop Weekend Assignment

- 1. Find out 5 applications where game of life and standing ovation can be used. It need not be an exact mapping. Even approximate scenarios will do. For standing ovation, it can be extension of granovettor's model too.
- 2. Think of a scenario where finding the equilibrium is the major task. You know how to write a Markov matrix. There is known probability too. With all those at hand, model or map a similar scenario to the problem solved in class. The idea is change the scenario, assume some probabilities and find the equilibrium point.
- 3. Model a wheel. Oops, too much information already.
- 4. Take the scenario of producer and consumer. To balance, there sits a queue between them. How would you model this? Think of best possible means to represent this problem.
- 5. Given below are the program graphs PG1 and PG2 for Peterson's ME algorithm



Write PG1 $\parallel \parallel$ PG2 and TS(PG1 and PG2) for TS, use x = 2 initially and ignore the value of b (as it is true or false) in the state representation.



Model Thinking Workshop Knit Arena Presentation, 01-6 June 2018 Feedback Form

	b) average	c) good	d excellent
a) poor	0)010.081	, 6	
2. Activities carr	ied out in the workshop were:	./ .	d) excellent
a) poor	b) average	(c) good	d) excellent
3. The content of	delivery in the workshop was:		(d) excellent
a) poor	b) average	c) good	Ja y excellent
4. Did the works	shop help you think the 'model' v	vay?	
yes yes	b) no	c) neutral	
5. Did you find t	he workshop useful?		
a) yes	b) no	c) neutral	
6. Did the work	shop meet your expectations?		
a) yes	b) no	c) neutral	
7. If second edit	tion of the workshop is conducte	d with more and new	concepts, would you
attend?			
yes	b) no	c) neutral	
8. Rate the reso	ource person on the scale of 1 to 1	o, where 1 being low	est and 10 being highe
9			
o. Pate the wor	kshop on the scale of 1 to 10, who	ere 1 heing lowest an	d to boing high and
g, hate the wor	KSHOP OIT the Scale of Teo 10, Will	ere r being lowest an	d to being nignest
10. Any other si	uggestions:		

R Shilpa Name: (Optional)