CS 5334 Spring 2016 Shirley Moore, Instructor In-class Group Activity February 2	Name(s) __	
Dining Philosophers Problem		
Read the description of the Dining https://msdn.microsoft.com/en-us activities and answer the question	s/magazine/dd882512	
1. Compile and run the program. V they occur.	Vhat do you observe?	Explain your observations as to why
2. Change the number of philosoph	hers e.g., to 8. Wha	t do you observe?
3. Design a solution to the Dining F and explain your solution as to wh	•	that prevents deadlock and starvation
4. Change the program so that doe	adjack and stanistica	ara proventad
4. Change the program so that dea	adiock and starvation (are prevented.