Group 2: Closure

Group Member Names and Computing IDs

	Name	Computing ID
1		
2		
3		
4		

- Assemble into groups of approximately 4.
- Each person in each group should have their own paper.
- Take one additional paper to turn in for the entire group.
- Put the names and computing ids of the members of your group at the top of the page on the paper to be turned in
- Go to https://www.cs.virginia.edu/~emo7bf/cs2120/group_2.html and follow the guide there

Problem 1: Identify G						
G =						
Prob	$\mathbf{plem 2: Identify} \ M$	7				
M =						
Problem 3: The missing reflexive pairs						
Problem 4: Add numbered balls to make it reflexive						
		Purple 1				
	Yellow 4	Purple 2	Yellow 6			
	Blue 1	Green 6	Green 4			
	Green 2	Yellow 2	Green 5			
	Bin 1	Bin 2	Bin 3	Bin 4		
Prob	olem 5: The missir	ng symmetric pairs				
		-8 sy				
Problem 6: Add numbered balls to make it Symmetric						
		Purple 1				
	Yellow 4	Purple 2	Yellow 6			
	Blue 1	Green 6	Green 4			
	Green 2	Yellow 2	Green 5			
	Bin 1	Bin 2	Bin 3	Bin 4		
Problem 7: Add numbered balls to make it Transitive						
	Yellow 6	Purple 4	Purple 4	Red 3		
	Blue 2	Blue 5	Red 3	Green 2		
	Bin 1	Bin 2	Bin 3	Bin 4		
Prob	olem 8: Circle the	properties that M has				

Reflexive Irreflexive Symmetric Asymmetric Antisymmetric Transitive