



 iven: A list of tourist, each with his/her list of places to visit. o do: Schedule bus rides for them so that each tourist visits all the places in his/her list. 				
An Insta	ance of Tourist Problem			
Tourist	Places of Interest			
Aaron	SZG, BG, JB			
Betty	CG, JG, BG			
Cathy	VC, SI, OR			
Dovid	JG, CG, OR			
Daviu				
Evans	CG, JG, SZG			
Evans Frances	CG, JG, SZG BG, SZG, JB			
Evans Frances Gary	CG, JG, SZG BG, SZG, JB CG, OR			







To do: Schedule bus rides for them a each tourist visits all the pl	s/her list of pl so that aces in his/he	aces to visit. r list.
	An Instan	ce of Tourist Problem
Solution: (Singapore 1-Day Tour)	Tourist	Places of Interest
	Aaron	SZG, BG, JB
	Betty	CG, JG, BG
Put all the tourists on one bus.		
Put all the tourists on one bus. Visit all eight places in 1 day.	Cathy	VC, SI, OR
Put all the tourists on one bus. Visit all eight places in 1 day.	Cathy David	VC, SI, OR JG, CG, OR





































































iodes places fishes radio stations Countries dges / onflicts tourist want to visit both places cannot be placed in same tank interference if placed share a common border olors bus trips to places fish tanks signal frequencies color		Tourist Problem	Fish in a tank	Frequency Assignment	Map Coloring
dges / onflicts tourist want to visit both places cannot be placed in same tank interference if placed too near share a common too near olors bus trips to places fish tanks signal frequencies color	Nodes	places	fishes	radio stations	Countries
colors bus trips to places fish tanks signal frequencies color	Edges / Conflicts	tourist want to visit both places	cannot be placed in same tank	interference if placed too near	share a common border
	Colors	bus trips to places	fish tanks	signal frequencies	color
The tourists	Others	The tourists			



