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	Problem 1:
	Proof. Suppose for contradiction that we have a simple graph
	G= (V, E), (V = n, where no two vertices have the some degree.
	Let 1/2 & v. v. v. 3. Observe that as deg(v;) >0 but
No.	each worker can be some adjacent to at most n-1 other
	vertices, so Us deg(v:) & n-1 for usy, n. street
	deg (V) + deg (V2) + + deg (Vn), we prose have
	there are (n-1)-0+ minutes selwood
	A choke there must be a vertex V, with agree
	1 with derree 1-11 G. Contraction.
	Since v, has degree 12 1 moust be different to
	deg(v,)=0 which is impossible.
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	So the said who consider he will be the said of the said
	The British will as the following for the Viet
	Consider to Thomas and I have a family
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