

## Homework #1

22. The requirements for systems analysts and programmers for the GUMBY project are as follows:

Predecessors	_	J	М	٧	J	L	Y, Q
Duration (weeks)	6	4	6	8	2	8	2
Systems Analysts (weekly)	8	5	3	2	5	3	5
Programmers (weekly)	3	4	2	3	3	2	3

- Compute ESs, LSs, and total slack times.
- Then show the separate resource loadings for systems analysts and programmers, assuming early start times.
- c. Suppose the maximum weekly availability is eight systems analysts and five programmers. Can activities be scheduled to satisfy these constraints without delaying the project?









