Scheduling Homework

1. Given the schedule below, draw the network diagram, compute the early start, late start, slack and critical path. (Fill in a table with the column headings below:)

Task ID   ES   LS   Slack   On Critical Path?
…

2. Put the schedule into a scheduling tool and show the Gantt chart (which shows the critical path in red). Hint: If this doesn't match your answer in part one, you should check for an error somewhere!

3. The resources (people) on this schedule are not leveled. Describe the problems (you don't have to fix them, just explain what the issues are).

SouthPark Development Corp.

Task ID	Task Name	Duration (days)	Predecessors	Resources
2	**User Interface**			
3	Login Screen	1		Stan
4	Event Entry	3		Stan
5	Monthly Overview	3	4	Stan
6	Weekly Overview	4	3,5	Stan
7	Recurrence	4	6	Eric
8	Preferences	2		Stan
9	**Back End**			
10	Network Controls	5		Kenny
11	Error Recovery	7	10	Kenny
12	Syncing	8	11	Kenny
13	Testing	5	2,9	Kenny; Eric; Stan
14	Deployment	3	13	Kenny; Eric; Stan
15	Expunge Kenny	1	14	Eric; Stan