

Axis Hackathon

Jane is the Project Manager for team Axis in a health care *hackathon*. A hackathon is an event, typically lasting 24 hours, where designers and developers come together to build a product. Jane is responsible for keeping her team on track to finish their ambitious project in only 24 hours. She has compiled a list of tasks and organized them into a schedule. Now she needs to assign the tasks to her team.



Help Jane organize the schedule and make assignments for her team.

QUESTION	ANSWER
Which tasks are scheduled to start at 1pm?	
When does task G end?	
Jane wants to divide tasks four hours or longer into smaller tasks. Which should she consider subdividing?	
Jane would like her teammates to check in with her at the midway point (half way through) each of their tasks. What is the first time during the day that two teammates will update Jane at the same time?	
Of all the tasks that overlap with H, what is the earliest start time?	
All of the tasks that last two hours involve testing prototypes. When does the second round of prototype testing begin?	
Which tasks are performed before N and do not overlap with K?	
Which tasks do not overlap with I or D?	
Which room is reserved for the whole time that room H is reserved, and also overlaps with room D?	
Which tasks under four hours are scheduled during the same time span as task L?	
How many times during the day do two tasks start at the same time?	
What tasks are scheduled to end at 4PM?	
Which task(s) takes place entirely during task G?	
Jane wants to assign Alex to tasks K and N. What other task(s) can Jane assign to Alex so that he is working from 6AM to 6PM?	
Which task starts with F and ends with O?	
Which task starts sometime after F and is one hour shorter?	