1.	Change the lost threshold variable to 1 and run the script. Look at the analysisResults table. How many confirmed tracks are there?	1/1 point
	There are no confirmed tracks 2 - one for each cell	
	O 4	
	3	
	Ves. One of the cells is lost momentarily and then re-confirmed.	
2.	Still looking at your analysisResults from the previous question, you should notice that the ConfirmedTrackID of the last confirmed track is much higher than two, the number of cells. Why is this?	1 / 1 point
	Some tracks are lost before being confirmed making the trackID higher than the number of confirmed tracks.	
	The tracks were sometimes assigned to the wrong detection.	
	The cell drifts out of the frame and comes back into view, resulting in a higher trackID.	

3.	Now set lostThreshold back to 10 and change the costOfNonAssignment to 5. How many confirmed tracks are there in the analysisResults?	1 / 1 point
	There are no confirmed tracks.	
	O 1	
	O 2	
	○ 3	
	Correct Yes. Because the cost of non-assignment is so low, detections are never assigned to a track frequently enough to be confirmed before being lost.	
4.	Think about your results from the previous question. What factor contributes the most to the observed behavior?	1 / 1 point
	The Kalman filter predicted locations are less accurate with these settings.	
	The detected locations are more inaccurate with these settings.	
	The small cost of non-assignment means that tracks and detections are usually left unassigned.	
	Correct Yes, the cost is lower to leave tracks and detections unassigned with these settings.	

5.	Assume you have a detector that mistakenly combines two objects into one as they pass by each other. This	1/1 point
	mistake lasts for 8 frames. To continue tracking, what setting do you need?	
	○ lostThreshold < 8	
	<pre> lostThreshold > 8</pre>	
	Correct Yes. To continue tracking the objects, you need to ensure you do not delete the tracks during the 8 frames. Using a lostThreshold above 8 is necessary here.	
6.	True or False	1/1 point
	With a perfect detector you can differentiate individual objects across video frames without tracking.	
	False	
	○ True	
	Correct Yes. Detection only gives you the location of objects in a single frame. There is no information about how those objects move across frames.	