For this quiz, open the file trackCellMotion_QuizCopy.mlx. This file is similar to the with earlier and has the initial starting parameters.	e trackCellMotion file you worked
costOfNonAssignment = 200;	
<pre>trackConfirmationThreshold = 3;</pre>	
ageThreshold = 10;	
<pre>visibilityThreshold = 0.6;</pre>	
<pre>lostThreshold = 10;</pre>	
MotionNoise = [100, 25];	
• Change the lost threshold variable to 1 and run the script. Look at the <code>analysisResu</code>	ılts table. How many 1/1 poin
confirmed tracks are there? 3	
O There are no confirmed tracks	
2 - one for each cell	
O 4	
 ✓ Correct Yes. One of the cells is lost momentarily and then re-confirmed. 	
Still looking at your analysisResults from the previous question, you should notice ConfirmedTrackID of the last confirmed track is much higher than two, the number	
The cell drifts out of the frame and comes back into view, resulting in a higher tra	ackID.
Some tracks are lost before being confirmed making the trackID higher than the	e number of confirmed
tracks. The tracks were sometimes assigned to the wrong detection.	
Correct	
Now set <code>lostThreshold</code> back to 10 and change the <code>costOfNonAssignment</code> to 5. If are there in the analysisResults?	How many confirmed tracks 1/1 poin
There are no confirmed tracks.123	
Correct Yes. Because the cost of non-assignment is so low, detections are never assigned enough to be confirmed before being lost.	d to a track frequently
Think about your results from the previous question. What factor contributes the mos	t to the observed behavior? 1/1 poin
The detected locations are more inaccurate with these settings.	
The small cost of non-assignment means that tracks and detections are usually le	ft unassigned.
The Smart cost of non-assignment means that tracks and actections are assautty to The Kalman filter predicted locations are less accurate with these settings.	it anassigned.
Correct Yes, the cost is lower to leave tracks and detections unassigned with these setting	1σς
	.8
Assume you have a detector that mistakenly combines two objects into one as they particle mistake lasts for 8 frames. To continue tracking, what setting do you need?	ass by each other. This 1/1 poin
O lostThreshold < 8	
<pre>lostThreshold > 8</pre>	
<pre>trackConfirmationThreshold < 8</pre>	
<pre>trackConfirmationThreshold > 8</pre>	
✓ Correct Yes. To continue tracking the objects, you need to ensure you do not delete the turn Using a lostThreshold above 8 is necessary here. Output Description: Out	racks during the 8 frames.
True or False	1 / 1 poin
With a perfect detector you can differentiate individual objects across video frames wi	thout tracking.
FalseTrue	
 ✓ Correct Yes. Detection only gives you the location of objects in a single frame. There is no 	o information about bour

those objects move across frames.