Question 1 of 12: Conduct k-means clustering with K=2, using k-Means. (Not W-SimpleKMeans). Use factory settings for all other parameters. Drag arrows between both of the output ports of k-Means to the results at the right. Look at the Centroid Table within the Cluster Model tab. Which attributes have the biggest difference between cluster_0 and cluster_1?	
A) A and F	
○ B) C and E	
C) B and D	
O) C and F	
Question 2 of 12: Now look at the Plot view in the ExampleSet tab. Set the X axis to be the first answer from Question 1 (A), and set the Y axis to be the second answer from Question 1 (F). Now set the color column to cluster. There are seven major groupings ("lumps") in this data. How many of them are red?	Ì
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Question 3 of 12: What did k-Means do here?	
A) It split the lumps in the data approximately evenly in clusters B) It did a median split on two key variables C) It found the least central, lump in the data and made it a cluster.	
D) It found the most central lump in the data and made it a cluster	
Question 4 of 12: Now re-run k-Means with k=7. Did k-Means find the 7 lumps in the data that you saw earlier?	
O A) Yes	
B) No	
Question 5 of 12: Plot each of the other variables against each other (not including the variables in question 1). Does there appear to be meaningful structure in any of these	
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A) His also the server of order is 0	_
A) It looks the same as when k= 2	
B) One region of space without a lump got a cluster, and two lumps got a single cluster	
C) Several clusters were devoted to regions of space without a lump	
D) Two regions of space without lumps got clusters, and three lumps got a single cluster	
Question 8 of 12: For fun, you might want to try playing with different values of k, and the other parameters within k-Means. When you're ready to move on, type the number 0.	
0	
Question 9 of 12: Try running Expectation Maximization Clustering with k=7. Look at the cluster probabilities for each cluster in Plot View. Which clusters are focused on a single data lump? (As opposed to including lots of outliers?)	ĺ
A) All of them but a single outlier cluster	
B) All but clusters 2, 4 and 6	
C) All but cluster 1 and cluster 5	
O D) All but cluster 3 and cluster 4	
Question 10 of 12: For fun, you might notice that outliers close to the top-right cluster still got placed into an outlier cluster (cluster_5_probability), but with lower certainty. This is the power of having centers and radii. When you're ready to move on, type the number 0.	i
0	
Question 11 of 12: When you're done looking, try running Agglomerative Clustering. Look at the Dendrogram. Nifty, huh?	
A) Yes, that is nifty.	
B) I dispute the value of this question as assessment.	
Question 12 of 12: OK, fine. Squint really hard and look at the top-right of the dendogram. You'll see at the very top fork, that a branch goes down the right side. How many nodes are in this branch? (e.g. how many data points end up in this branch). Note that an immediate	
2	