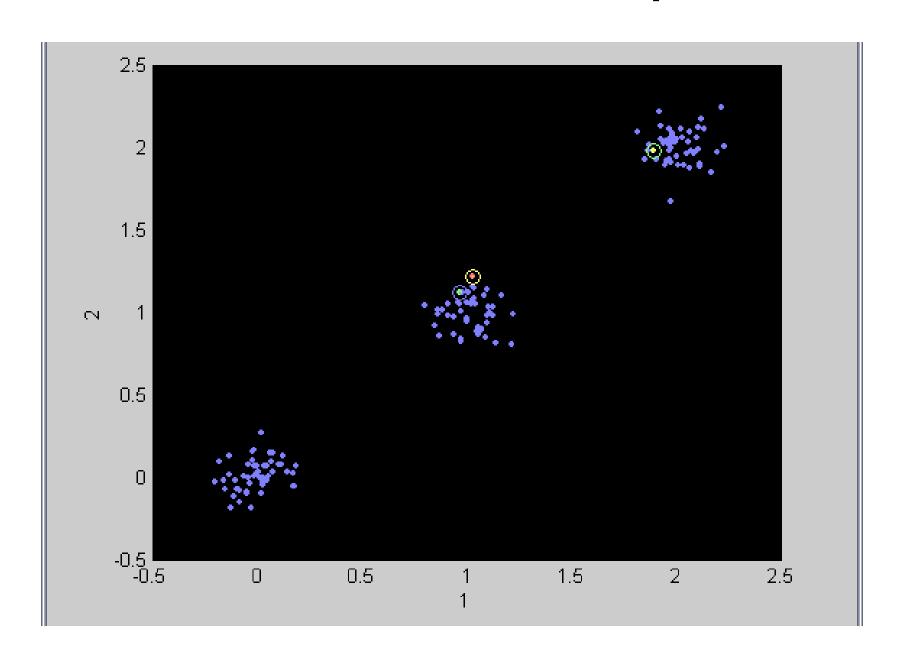
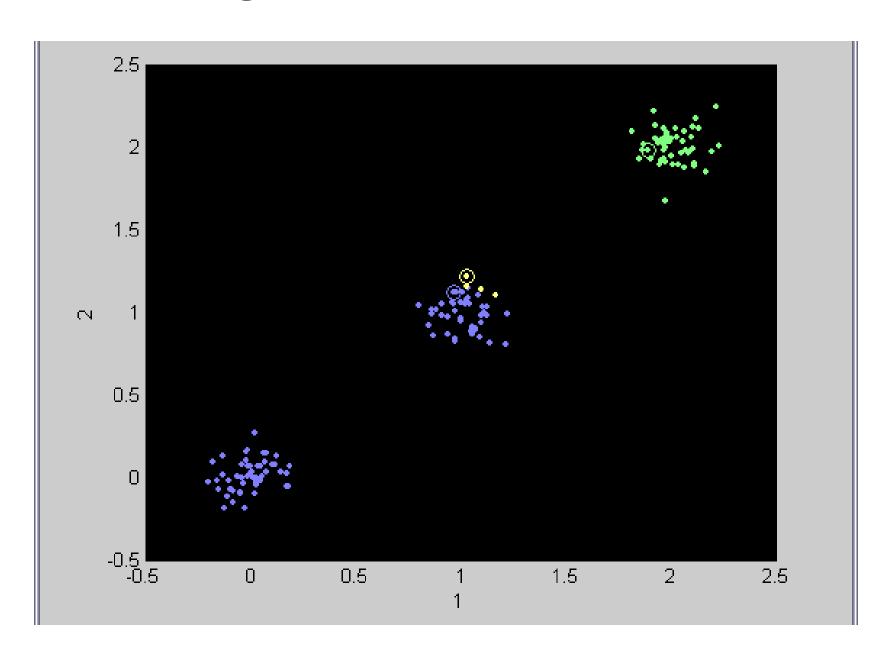
# Steps of K-means algorithm

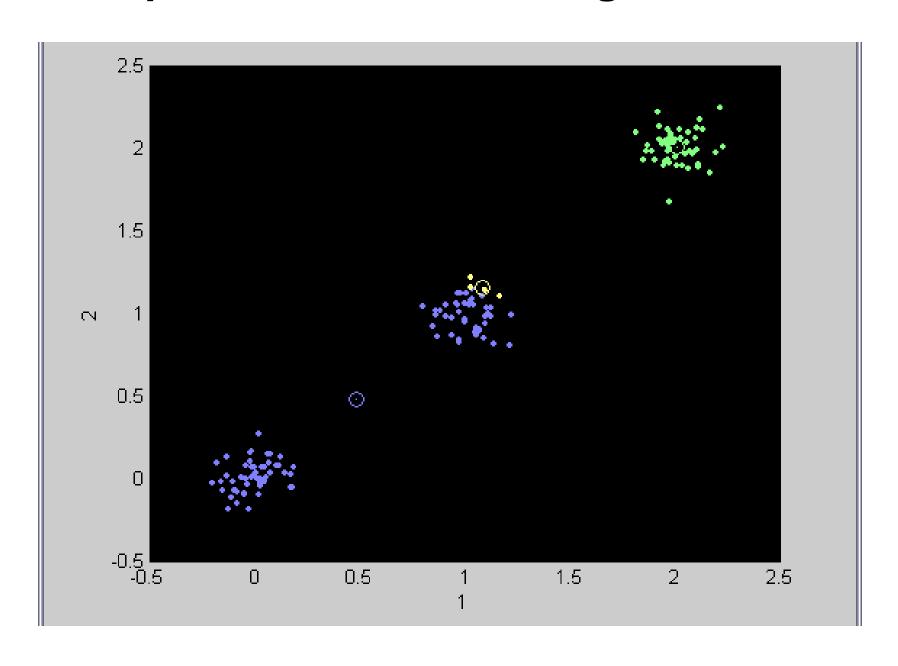
### **Initialize Centers at random sample locations**



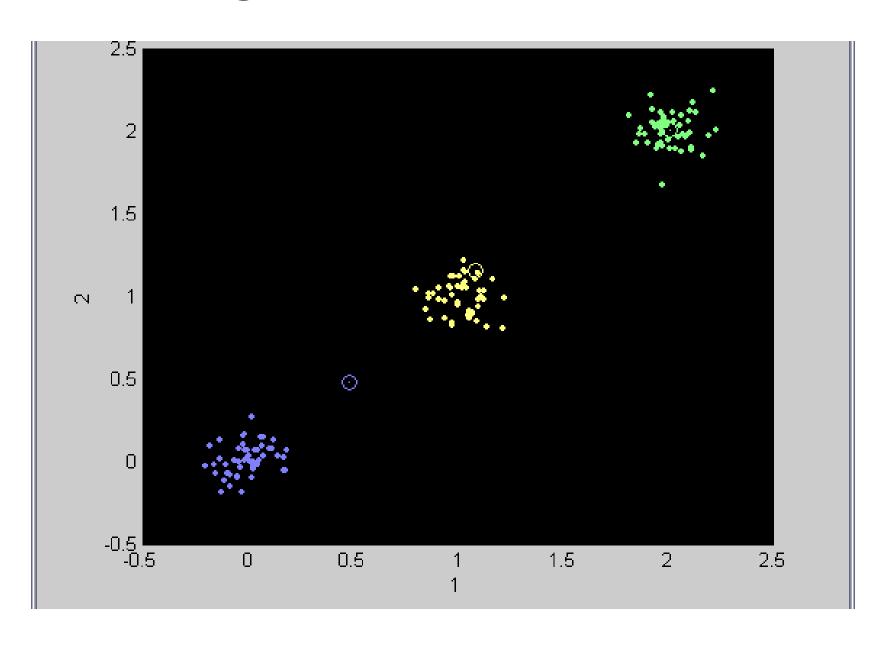
### Reassign labels to nearest centers



#### Recompute Centers according to new labels

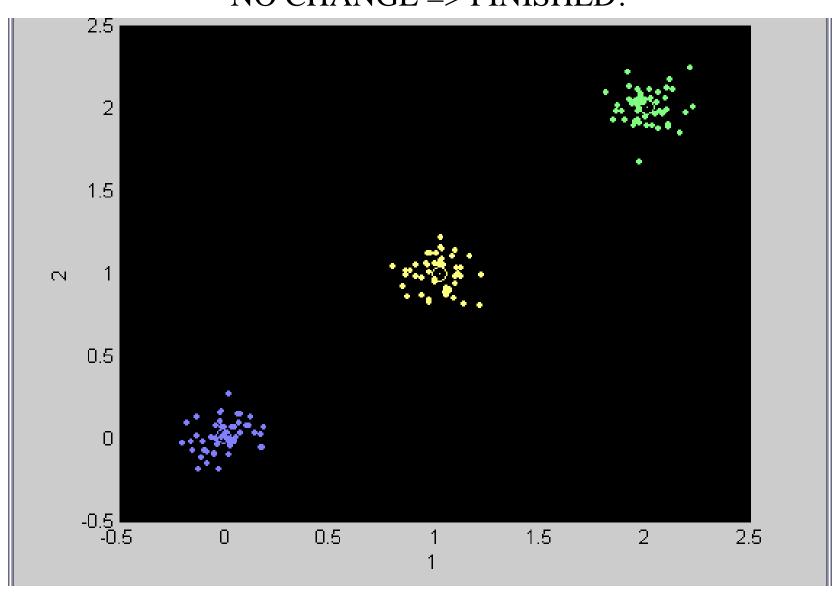


## Reassign labels to nearest centers



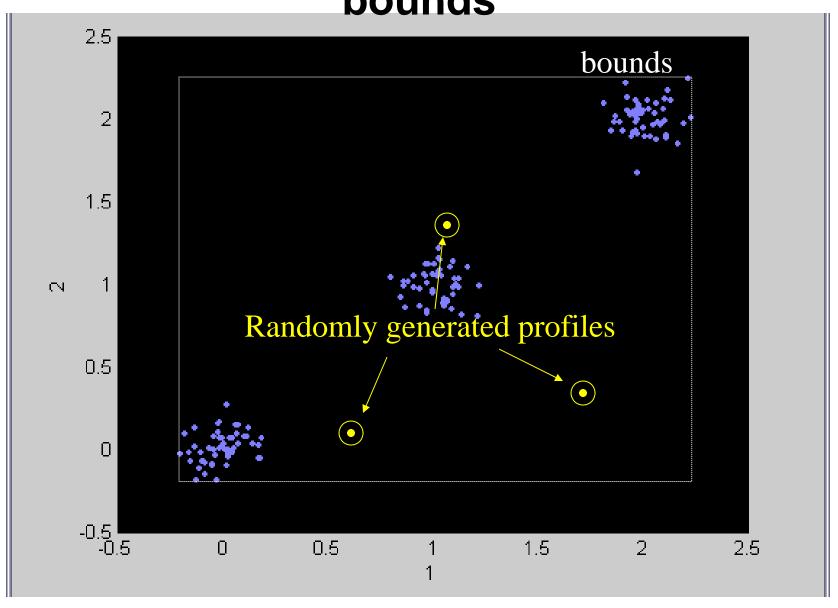
#### Recompute Centers according to new labels

NO CHANGE => FINISHED!



# Alternative Initializations

# Initialize Centers at random locations within bounds



#### Initialize Centers at `evenly' distributed points

