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Create a Java class called SpecialList . This class will be a singly linked data structure composed of LinearNode objects (see the attached L call it 'd') such that elements less than d are on the left side of the list and elements greater than d are on the right side. The elements should side of the list.	•
Whenever an element is added to the list, it must be compared to d to see which side of the list is should be added to. If it less than d, the e becomes the new front. If it greater than d, add the item to the end of the list so that it becomes the last element of the list. We can assum	
The class must have the following 2 instance variables (you may NOT change or add any instance variables): private LinearNode <integer> front; private int d;</integer>	
The class must have a constructor which takes in a parameter d with which you must initialize the instance variable d. Initialize front as null. return the front pointer.	The class must also have a g
The most important method of this class is addToList (Integer element) in which you must perform the main task of determining which side d. You also must create a new LinearNode <integer> containing the new element and then add it to the correct side of the existing list (either correctly updated when necessary and the connections front node to node must be correctly updated as well.</integer>	
Hint: there are multiple cases to consider, i.e. the very first element vs. a new element < d vs. a new element > d	
The method signature for this method must be:	
public void addToList (Integer element)	
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