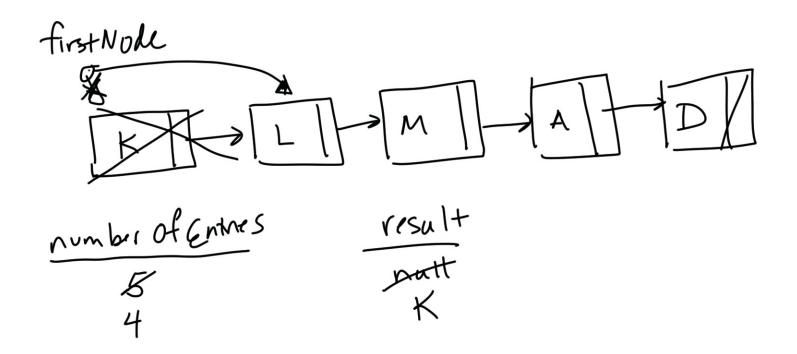
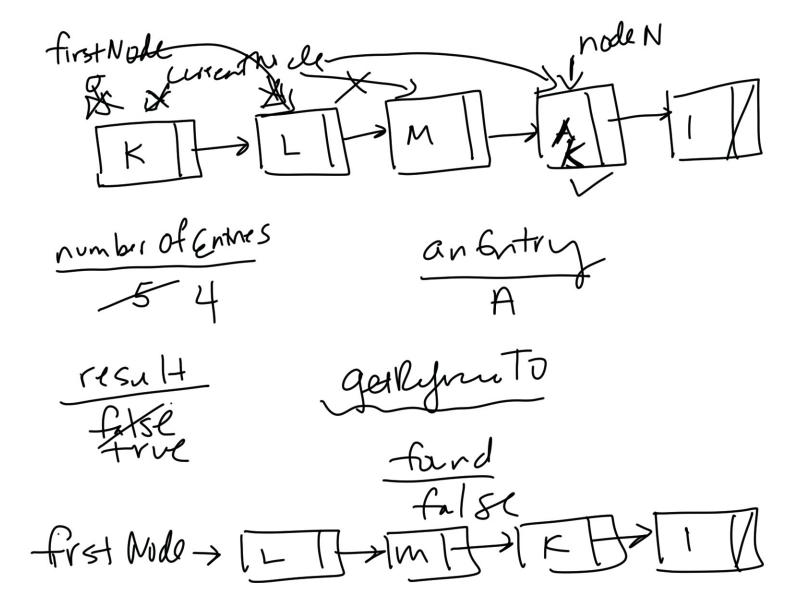
```
150
        /**
151
         * Removes one unspecified entry from this bag, if possible.
152
         *
         * @return Either the removed entry, if the removal was successful, or null.
153
154
         */
        public T remove() {
155
156
            T result = null;
            if (firstNode != null) {
157
                result = firstNode.getData();
158
                firstNode = firstNode.getNext(); // Remove first node from chain
159
160
                numberOfEntries---;
            } // end if
161
162
163
            return result;
        } // end remove
164
```



```
// Locates a given entry within this bag.
126
127
        // Returns a reference to the node containing the entry, if located,
        // or null otherwise.
128
        private Node<T> getReferenceTo(T anEntry) {
129
            boolean found = false;
130
            Node<T> currentNode = firstNode;
131
132
            while (!found && (currentNode != null)) {
133
                if (anEntry.equals(currentNode.getData()))
134
                    found = true;
135
136
                else
                    currentNode = currentNode.getNext();
137
            } // end while
138
```

```
166
        /**
167
         * Removes one occurrence of a given entry from this bag, if possible.
168
         *
169
         * @param anEntry
                      The entry to be removed.
170
         *
         * @return True if the removal was successful, or false otherwise.
171
172
         */
        public boolean remove(T anEntry) {
173
            boolean result = false;
174
            Node<T> nodeN = getReferenceTo(anEntry);
175
176
177
            if (nodeN != null) {
                nodeN.setData(firstNode.getData()); // Replace located entry with entry
178
179
                                                 // in first node
180
                //remove():
                firstNode = firstNode.getNext(); // Remove first node
181
                numberOfEntries---;
182
183
184
185
                result = true;
            } // end if
186
187
188
            return result;
        } // end remove
189
```



```
_ . _
         /** Removes all entries from this bag.
143
         * Instead of removing one-by-one, just null it out*/
public void clear() {
144
145
            firstNode = null;
146
            numberOfEntries = 0;
147
         } // end clear
148
149
```

fromode X: D \mathcal{Q}

runber Entre Y



()