

```

157     public Position<E> findPosition(E e){
158         // define the beginning node to be current = header//
159         Node<E> cursor = header;
160         Node<E> current = validate(cursor);
161         // treat header index to be -1//
162         int count = -1;
163         // when the current node's next node is not trailer
164         while (current.getNext()!=null){
165             // if the element of current node is found to be integer e
166             if(current.getElement()==e){
167                 // print out current index
168                 System.out.println(count);
169                 // return current node's position
170                 return position(current);
171             }
172             // index to be increased by 1
173             count++;
174             // current now is next node of current
175             current=current.getNext();
176         }
177         // if no node's element is integer e,return position of node to be null
178         return null;
179     }
180 }
181 }

```

```

1 package positionallist;
2
3 public class PositionListTest {
4
5     Run | Debug
6     public static void main(String[] args) {
7         LinkedPositionallist<Integer> list = new LinkedPositionallist<>();
8
9         list.addLast(e: 5);
10        list.addLast(e: 2);
11        list.addLast(e: 4);
12        list.addLast(e: 2);
13        list.addLast(e: 4);
14        // list: 5 2 4 2 4
15        System.out.println("Size of the list: " + list.size());
16        // return size of list
17        int a=2;
18        // find index of first integer (2)
19        System.out.println("The index of first element: "+a+" is");
20        // print out this index
21        list.findPosition(a);
22    }
23 }

```

问题 4 输出 调试控制台 终端

+ v Run: PositionListTest

Windows PowerShell

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安装最新的 PowerShell，了解新功能和改进！<https://aka.ms/PSWindows>

PS C:\Users\YangYiShu> & 'C:\Program Files\Java\jdk-17.0.4.1\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\YangYiShu\AppData\Local\Temp\wscodesws\_2dd1f\jdt\_ws\jdt.ls-java-project\bin' 'positionallist.PositionListTest'

Size of the list: 5

The index of first element: 2 is

1

PS C:\Users\YangYiShu>