

```
prev = null;  
cur = first;  
while (cur.next != null) {  
    prev = cur;  
    cur = cur.next;  
}  
  
return prev;
```

```
mid = first.next  
last = first.next.next  
while (last.next.next != null) {  
    mid = mid.next  
    last = last.next.next  
}
```

---

```
listNodes = null  
cur = first  
while (cur.next != null) {  
    cur = cur.next;  
    for (i = 0; i < listNodes.size(); ++i) {  
        check = listNodes.get(i);  
        if (cur == check) {  
            return true;  
        }  
    }  
}
```

```
}  
list Nodes.add(uv)
```

```
}  
return false;
```

---

```
S = array.size();  
for (i=0; i<S; ++i) {  
    for (j=1; j<S; ++j) {  
        if (array[i]+array[j] == 6) {  
            return true;  
        }  
    }  
}
```

```
}  
}  
return false;
```

search, left, right, low sum left, high sum right