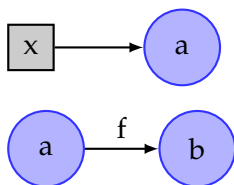


```

1 def traverseSummarizedList(x: AcyclicList) = {
2   // variable which afterwards references
3   // the last element
4   var end : AcyclicList = null
5
6   var cur = x
7   while (cur != null) {
8     end = cur
9     cur = cur.n
10  }
11 }

```

Listing 1: List traversal testcase

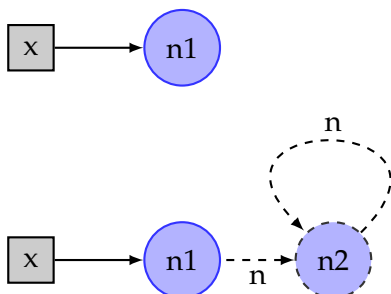


```

1 def createList(n: Int) = {
2   var x = new E
3   var t: E = null
4
5   var i = 1
6   while (i < n) {
7     t = new E
8     t.f = x
9     x = t
10    t = null
11    i += 1
12  }
13 }

```

Listing 2: List traversal testcase



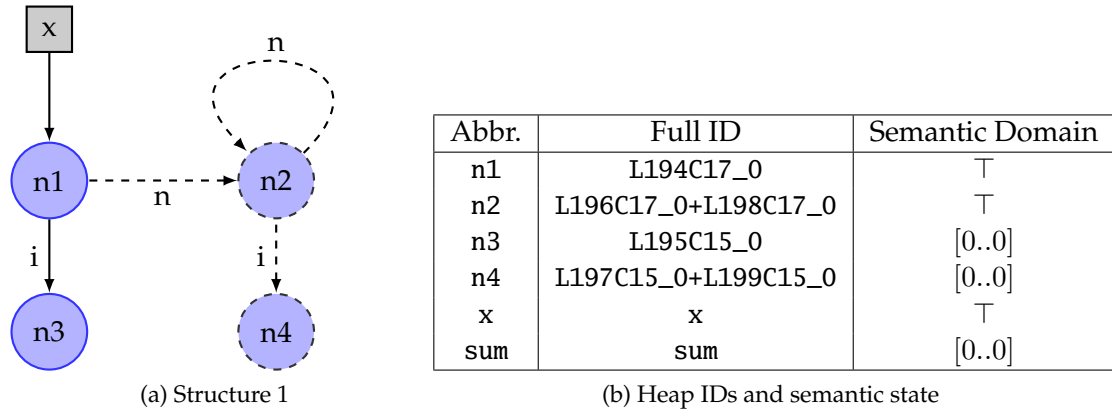


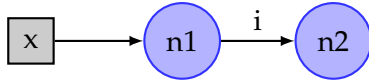
Figure 1: Summing up list elements: Result

```

1 def iAssign(unknown:Boolean) = {
2   val x = new IntNode
3
4   if (unknown) {
5     x.i = 1
6   } else {
7     x.i = 2
8   }
9 }

```

Listing 3: wbla

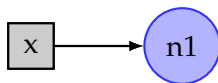


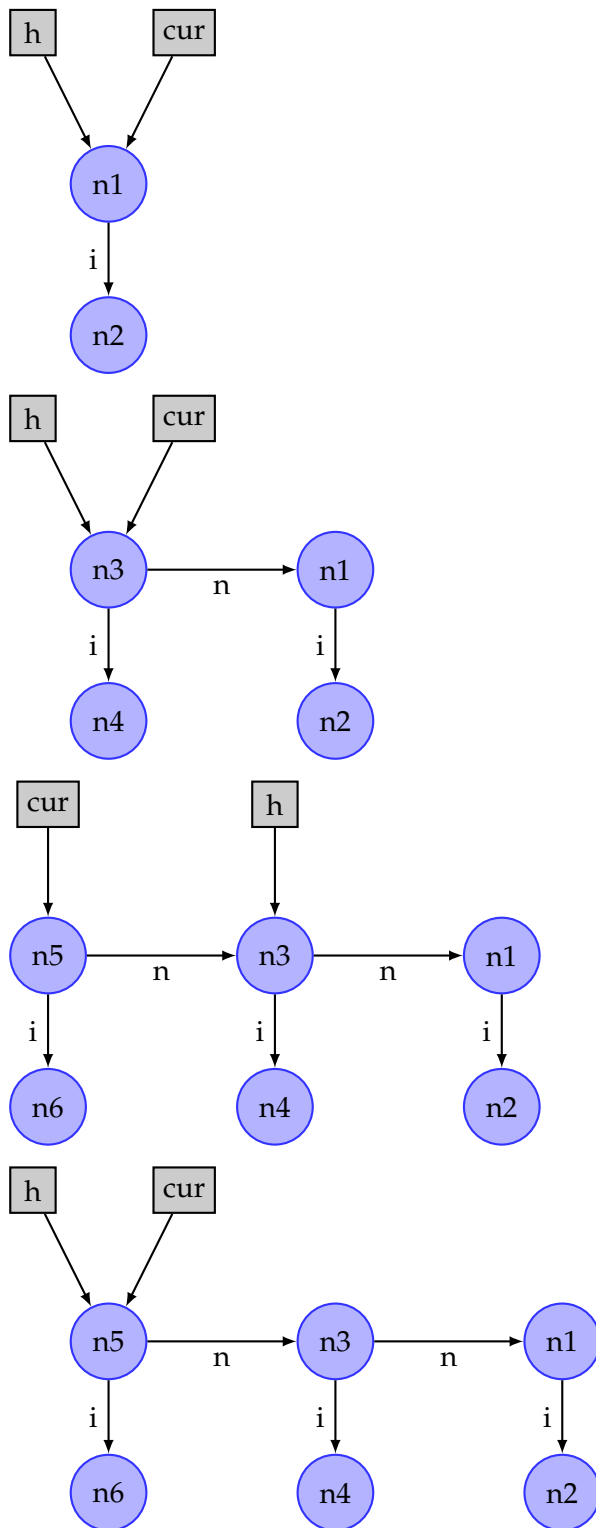
```

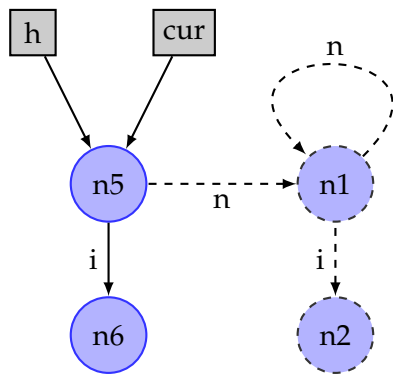
1 def sumListElementsZero = {
2   x = /* code to build and initialize
3       a list with fields set to 0 */
4
5   var cur = x
6   var sum = x.i
7
8   while (cur != null) {
9     sum += cur.i
10    cur = cur.n
11  }
12 }

```

Listing 4: Sum list elements testcase







```
1 def createZeroList(n: Int) = {  
2   var h: IntNode = null  
3   var cur :IntNode = null  
4   var i = 0  
5  
6   while (i < n) {  
7     cur = new IntNode  
8     cur.i = 0  
9     cur.n = h  
10    h = cur  
11    i += 1  
12  }  
13 }
```