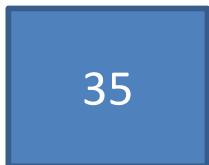
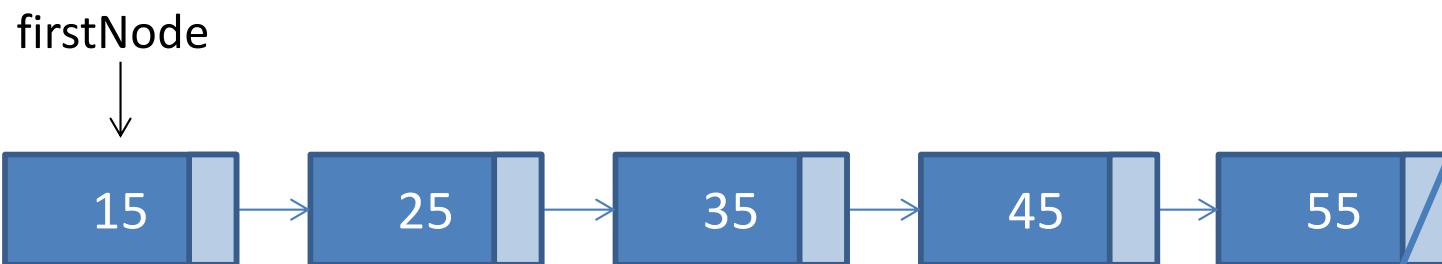


```
linkedChain.contains( new Integer(35) );
```

anEntry



```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```



Click to  
advance



anEntry

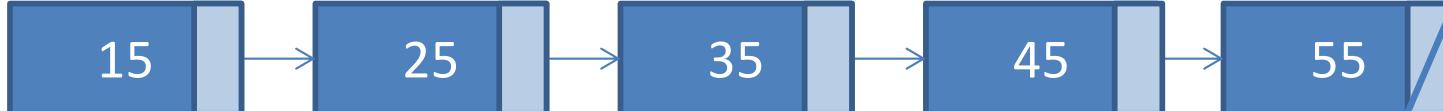
35

found

false

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```

firstNode



anEntry

35

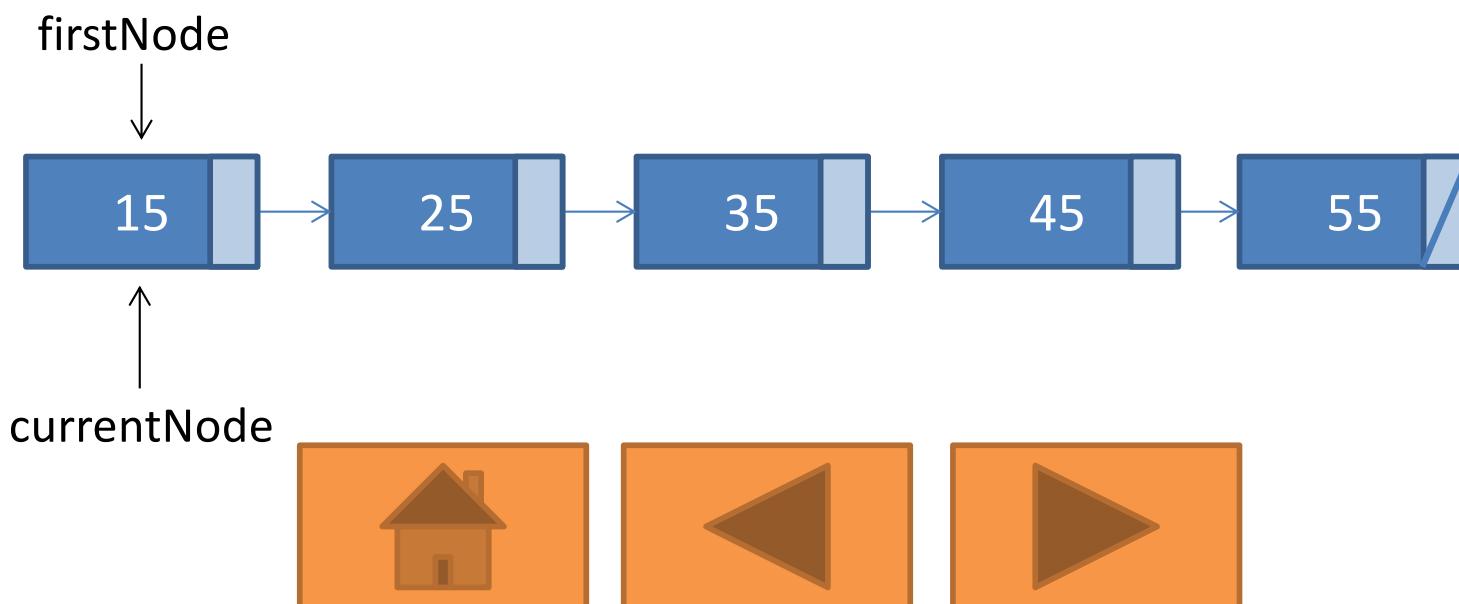
found

false

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;

    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while

    return found;
} // end contains
```



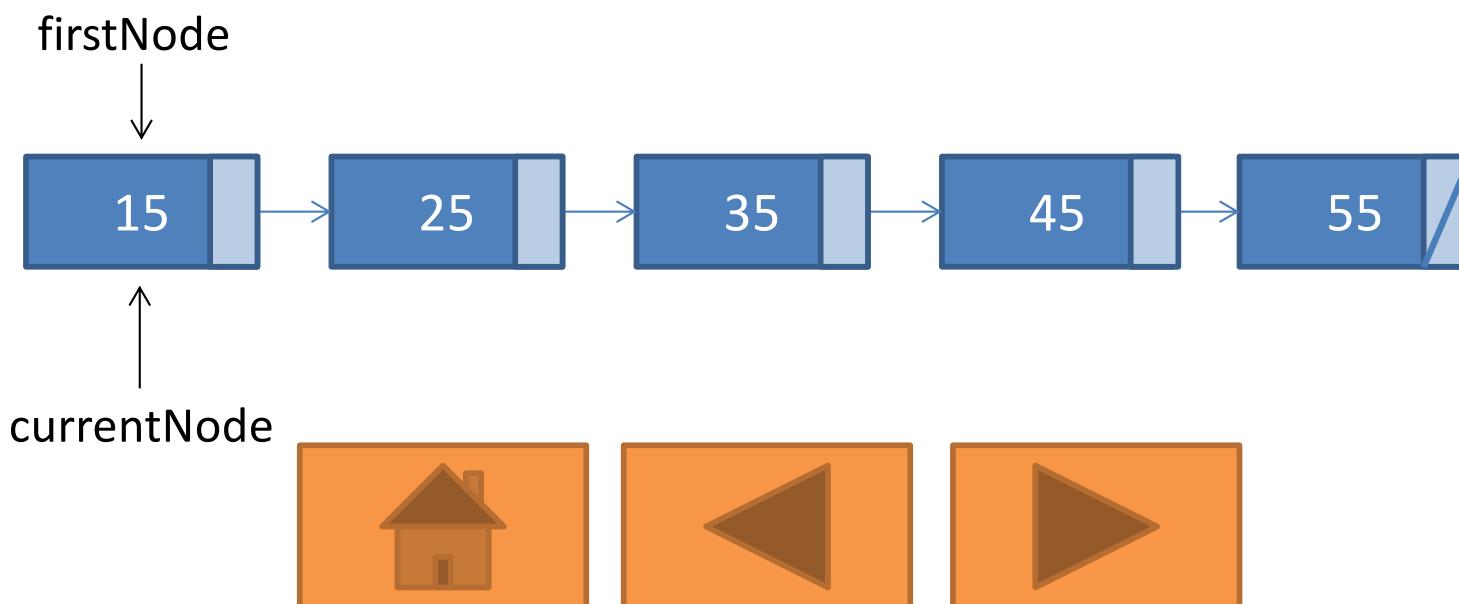
anEntry

35

found

false

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```



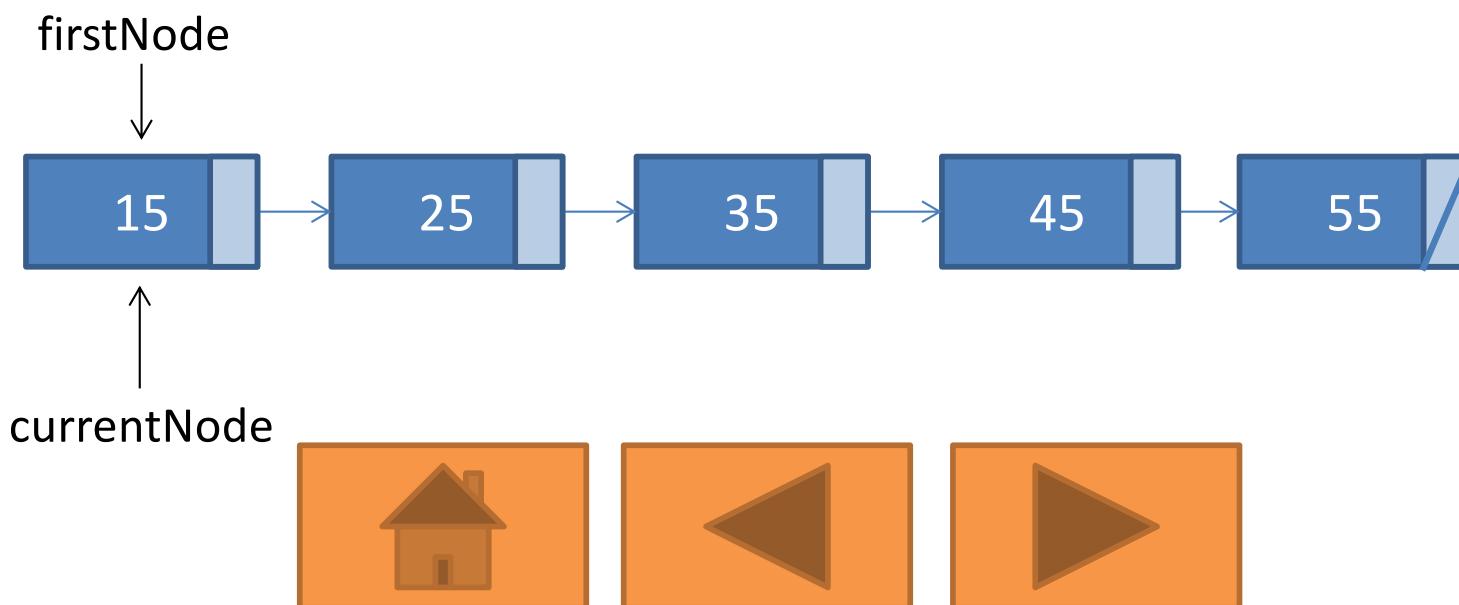
anEntry

35

found

false

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```



anEntry

35

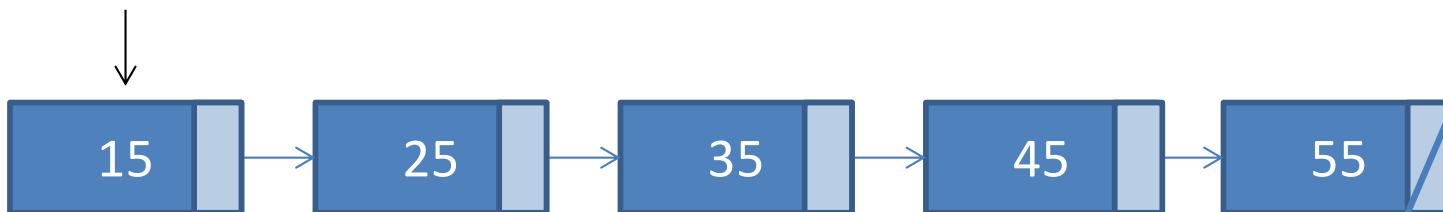
found

false

(!false && true)

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```

firstNode



currentNode



anEntry

35

found

false

(true)

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```

firstNode



currentNode



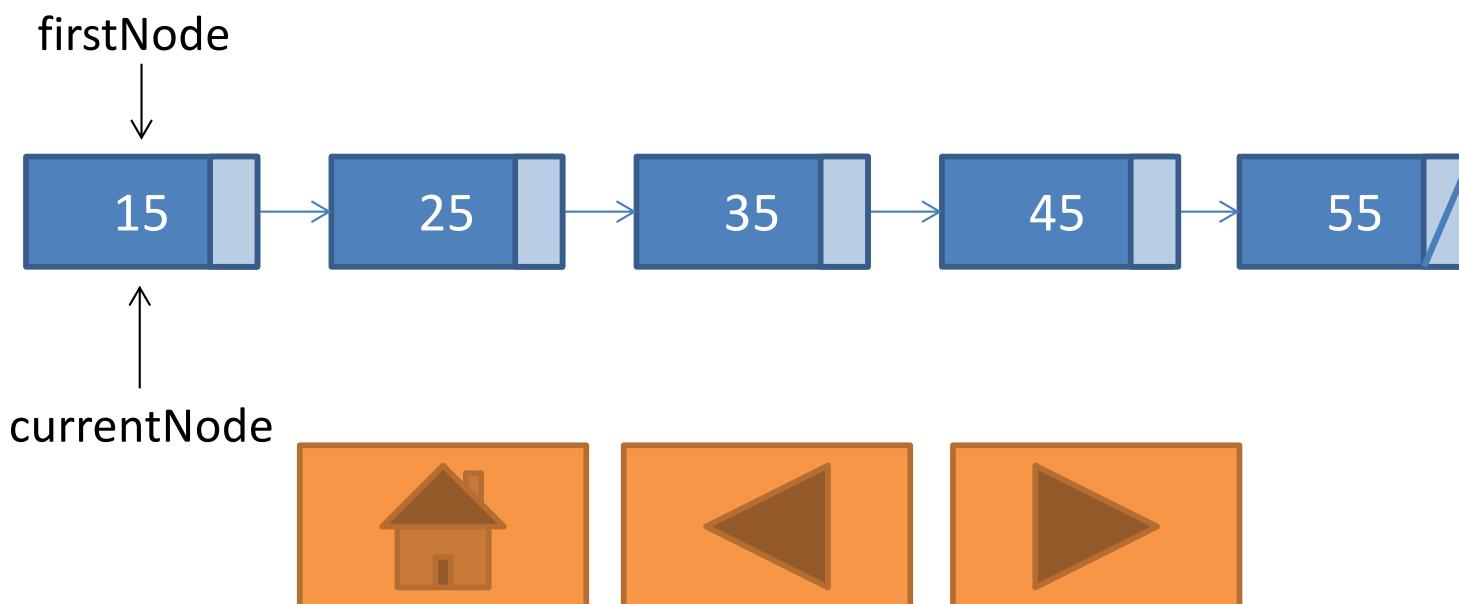
anEntry

35

found

false

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```



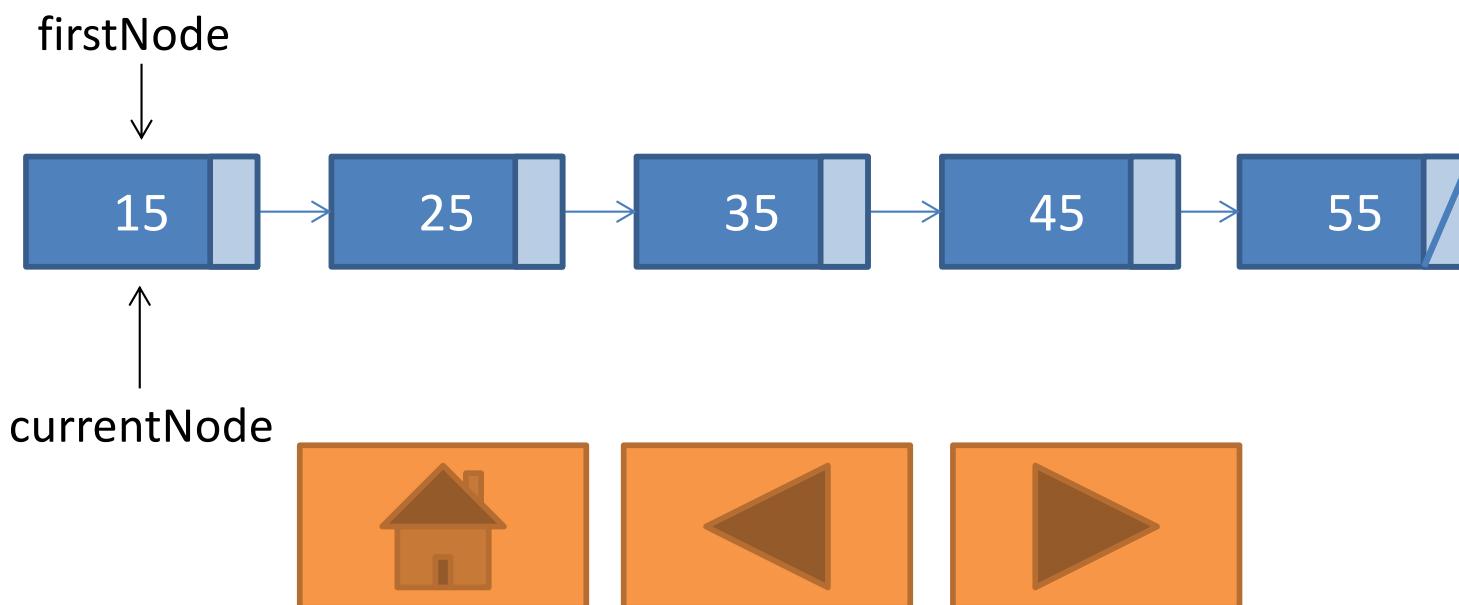
anEntry

35

found

false

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```



anEntry

35

found

false

(false)

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```

firstNode



currentNode



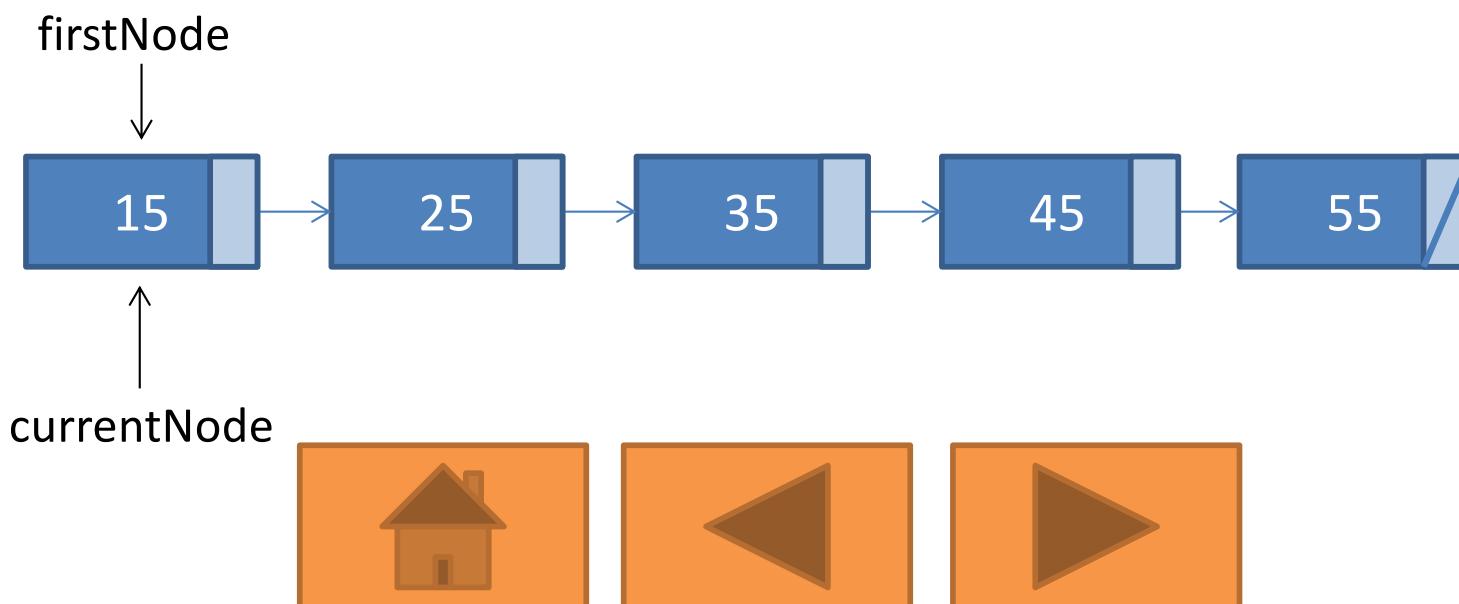
anEntry

35

found

false

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```



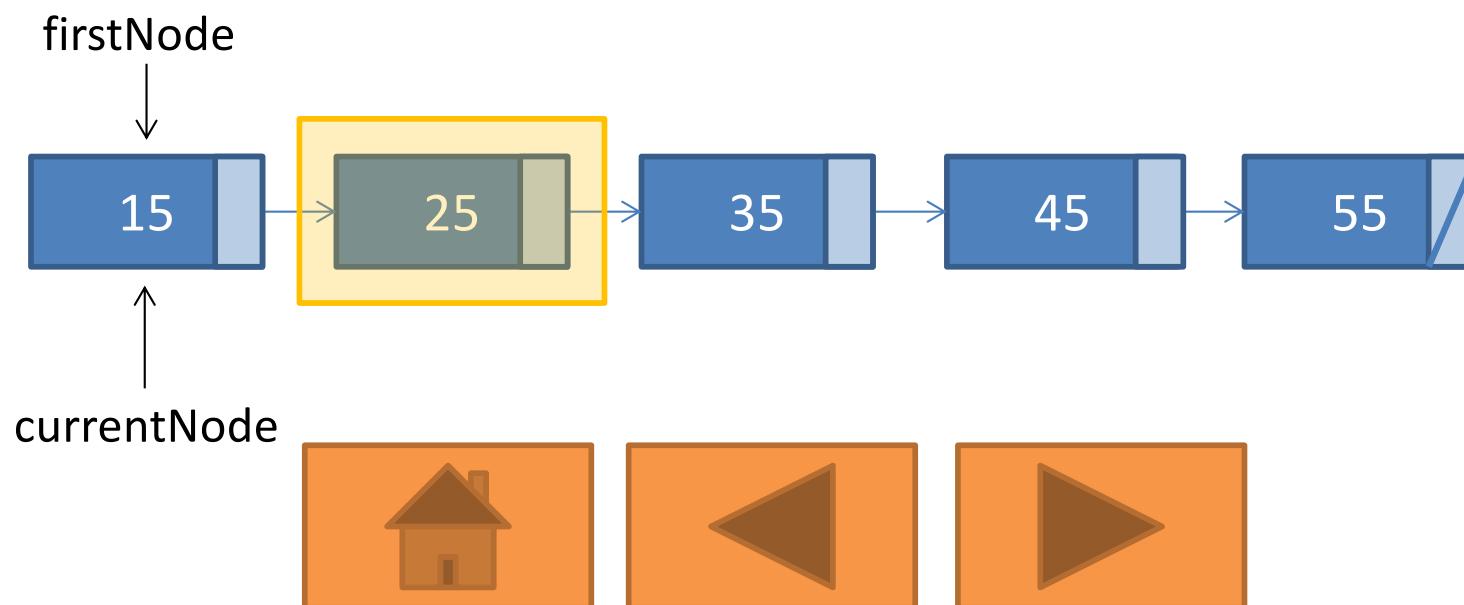
anEntry

35

found

false

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```



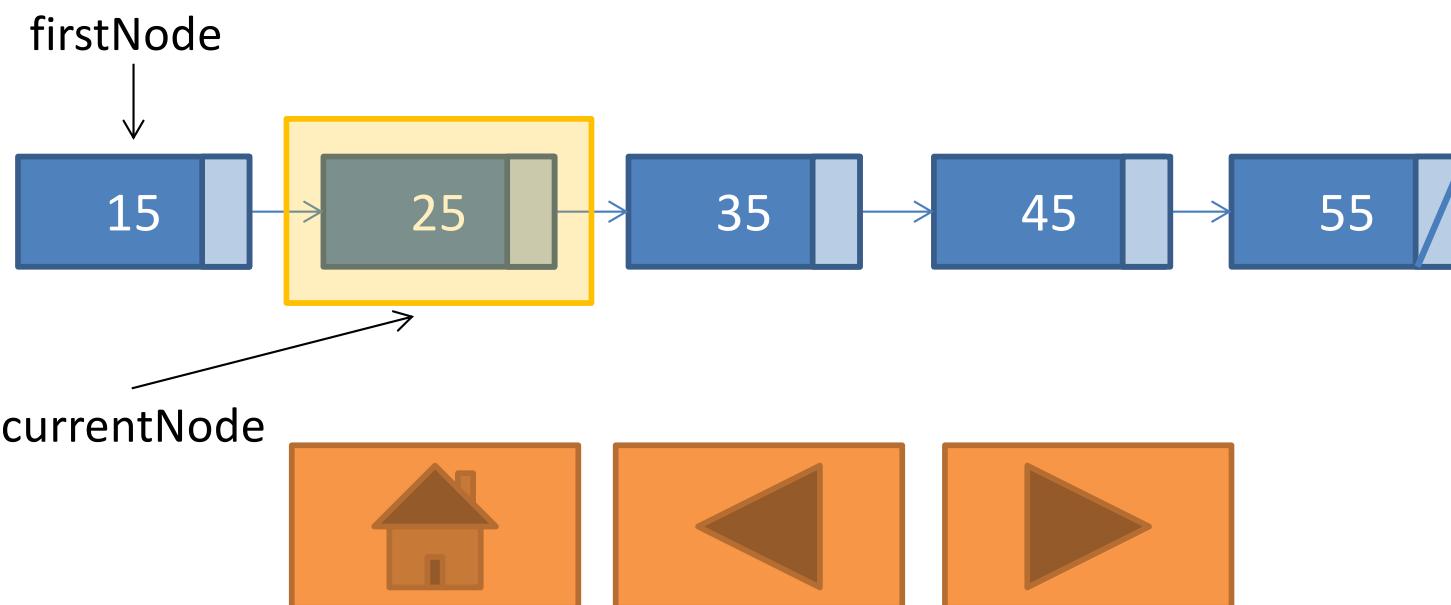
anEntry

35

found

false

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```



anEntry

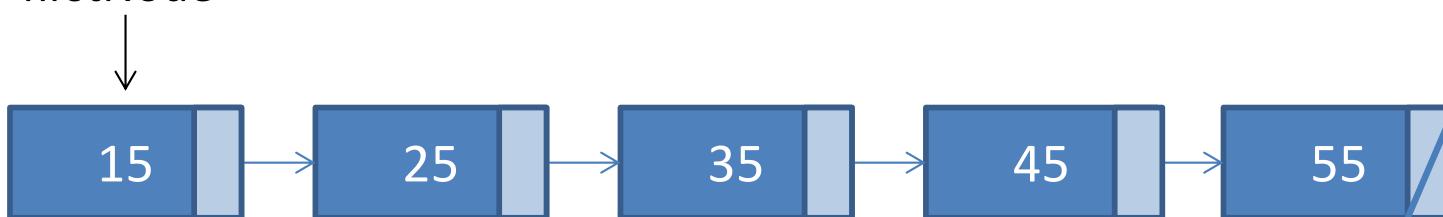
35

found

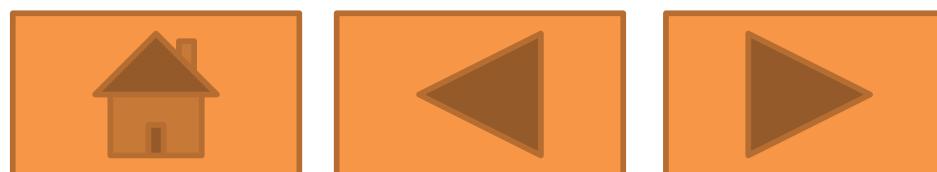
false

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```

firstNode



currentNode



anEntry

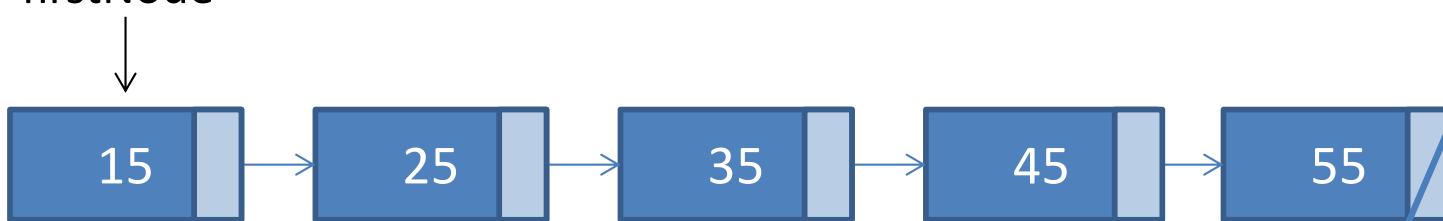
35

found

false

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```

firstNode



currentNode



anEntry

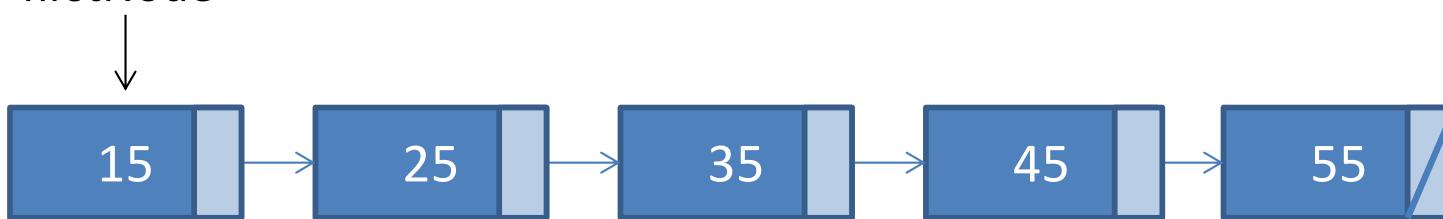
35

found

false

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```

firstNode



currentNode



anEntry

35

found

false

(!false && true)

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```

firstNode

15

25

35

45

55

currentNode



anEntry

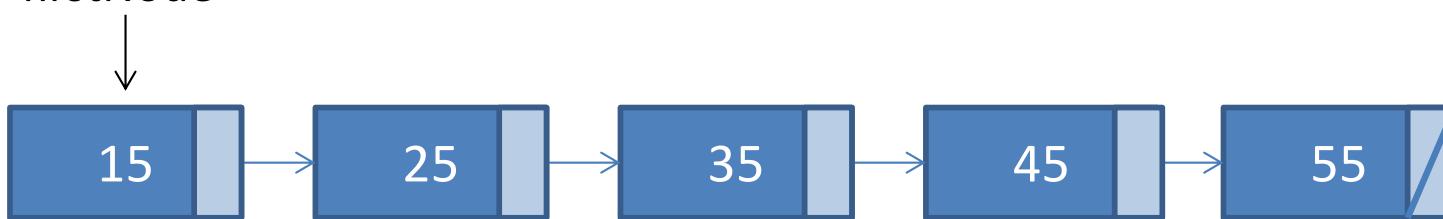
35

found

false

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```

firstNode



currentNode



anEntry

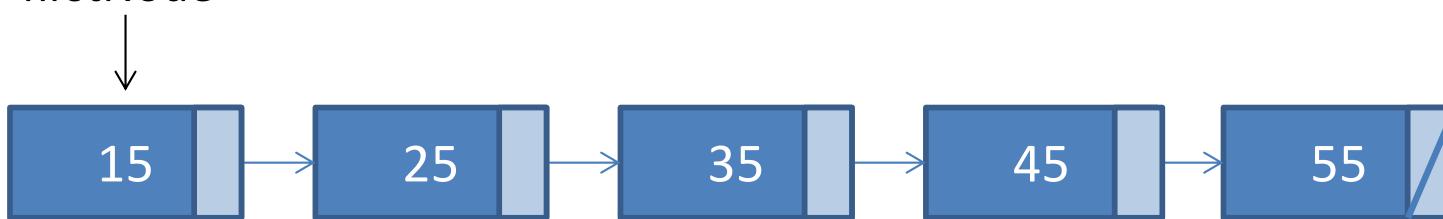
35

found

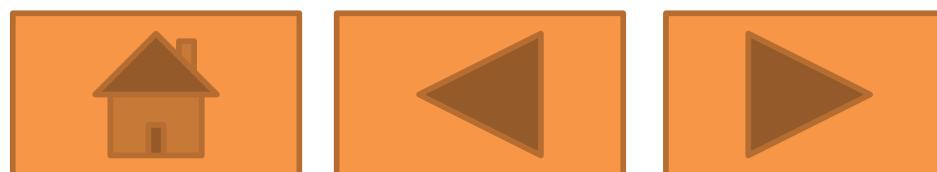
false

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```

firstNode



currentNode



anEntry

35

found

false

(false)

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```

firstNode

15

25

35

45

55

currentNode



anEntry

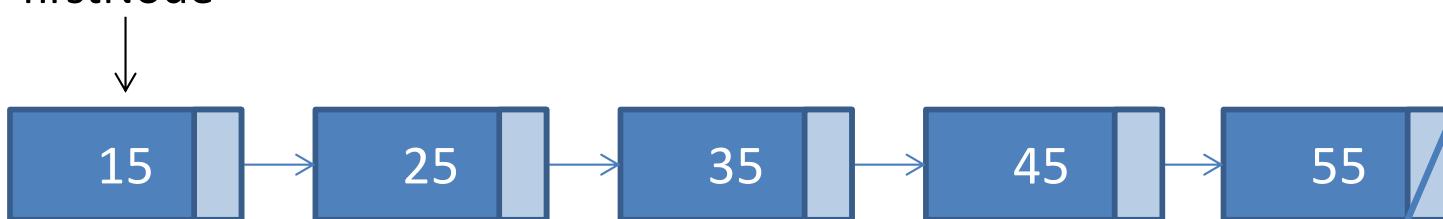
35

found

false

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```

firstNode



currentNode



anEntry

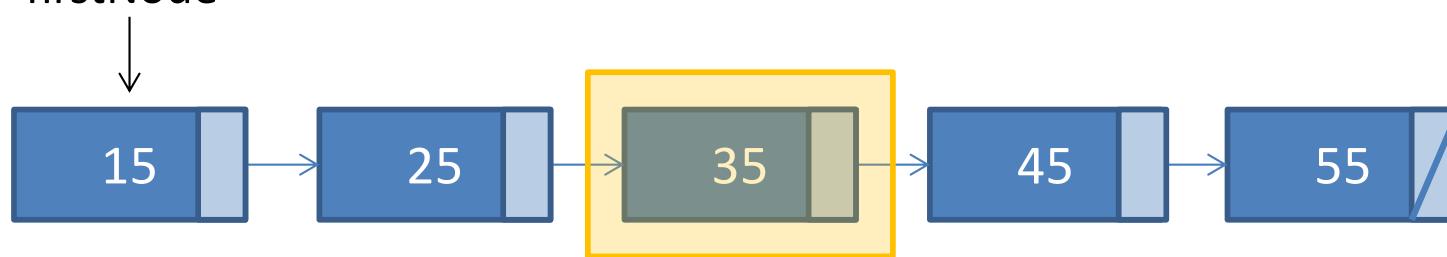
35

found

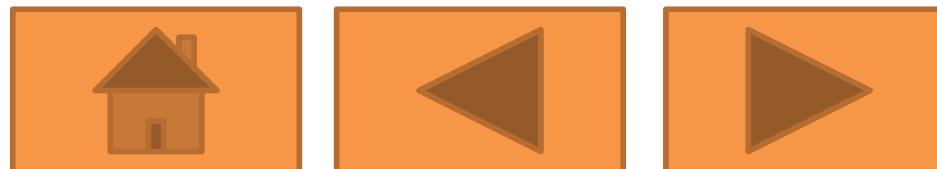
false

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```

firstNode



currentNode



anEntry

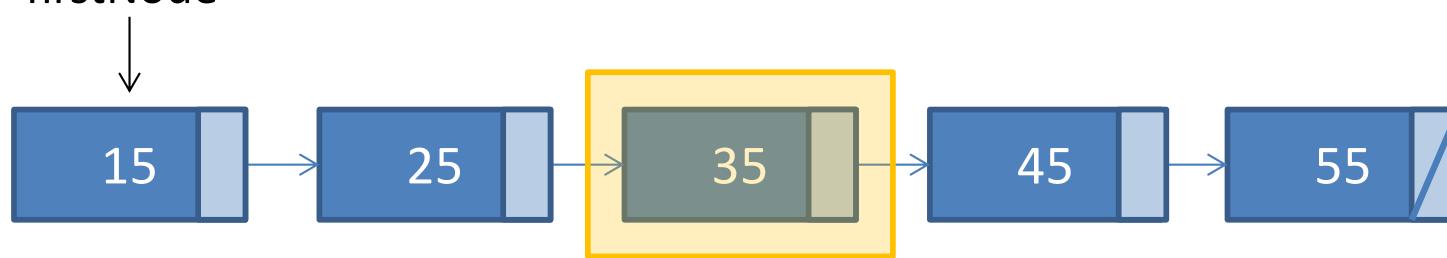
35

found

false

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```

firstNode



currentNode



anEntry

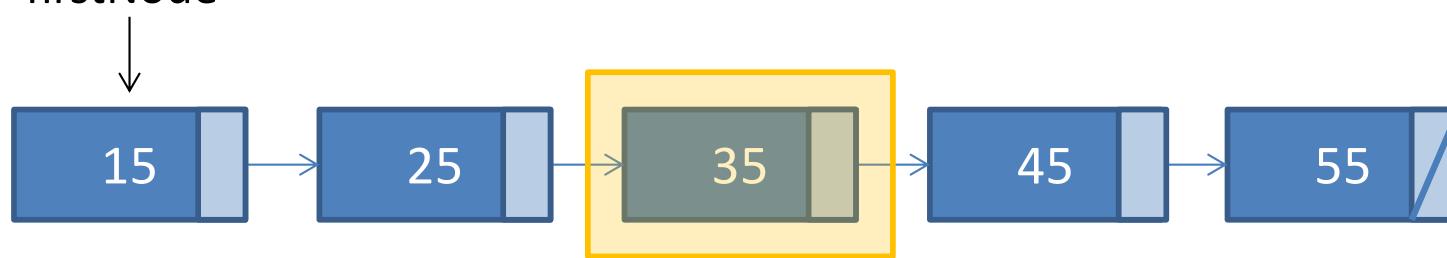
35

found

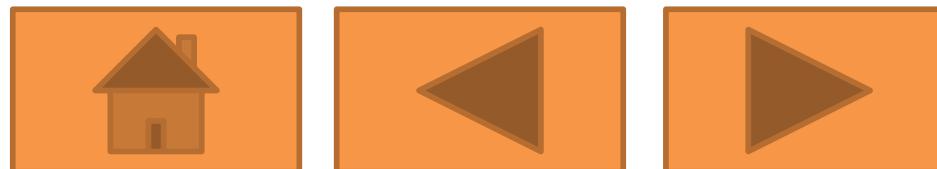
false

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```

firstNode



currentNode



anEntry

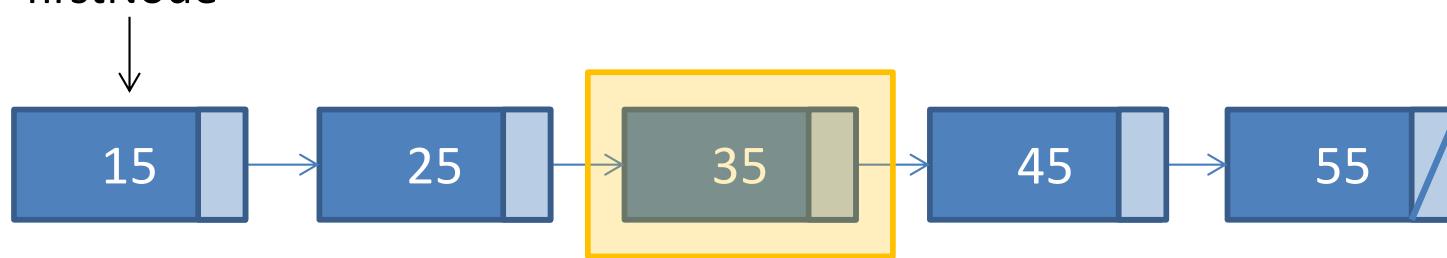
35

found

false

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```

firstNode



currentNode



anEntry

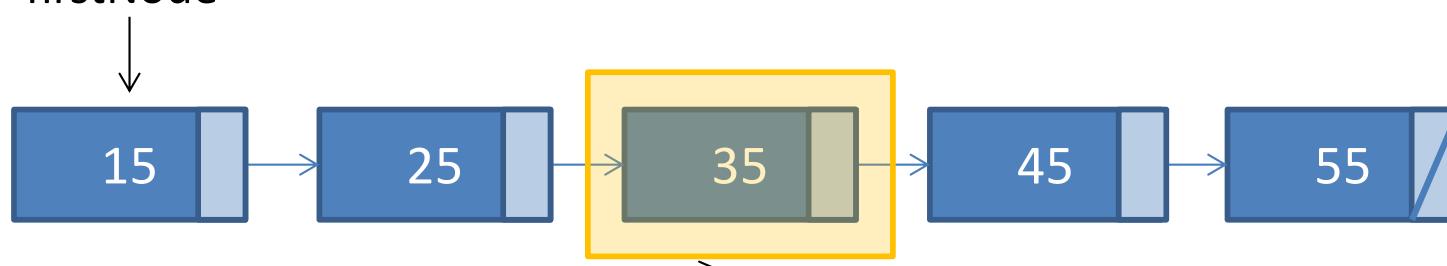
35

found

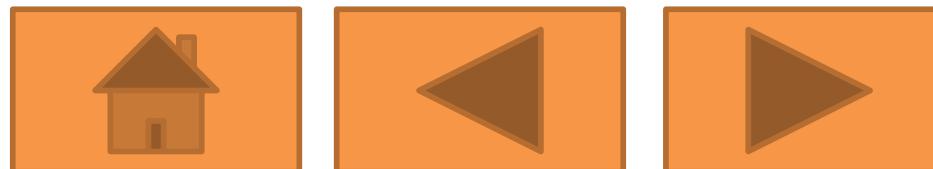
false

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```

firstNode



currentNode



anEntry

35

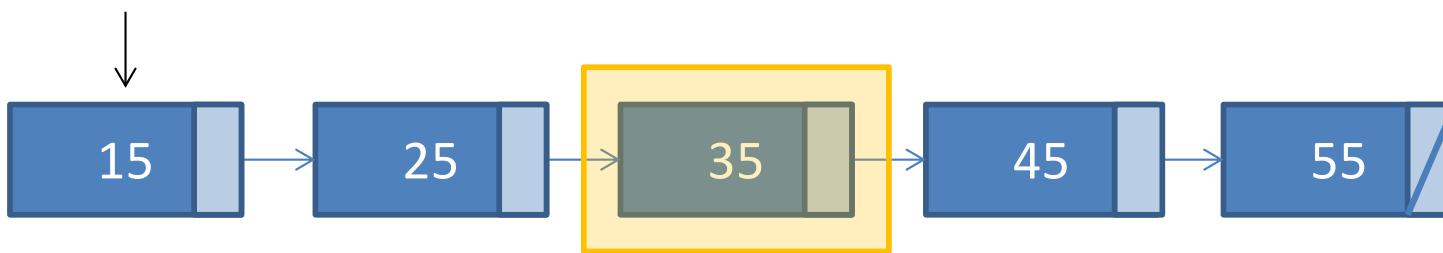
found

false

(true)

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```

firstNode



currentNode



anEntry

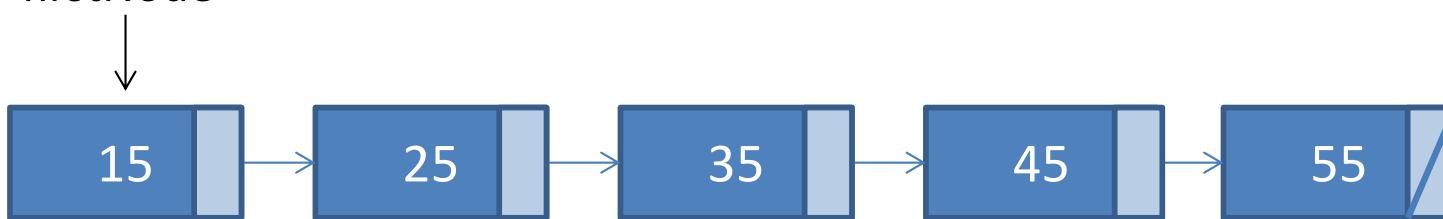
35

found

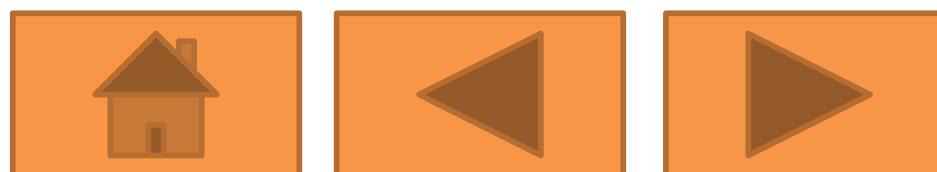
false

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```

firstNode



currentNode



anEntry

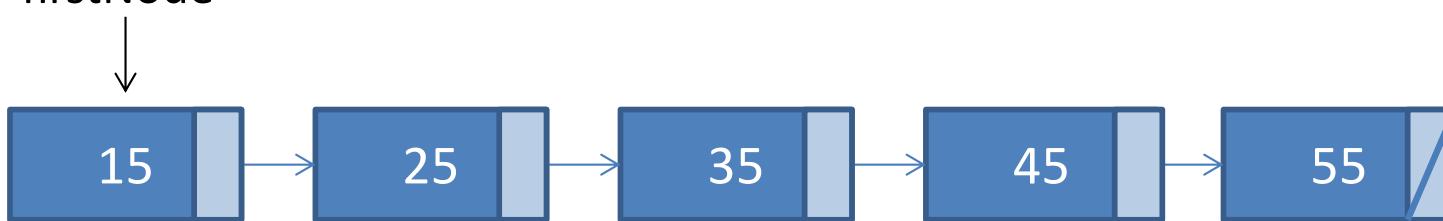
35

found

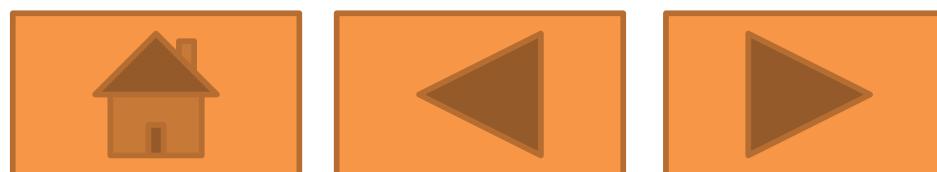
false

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```

firstNode



currentNode



anEntry

35

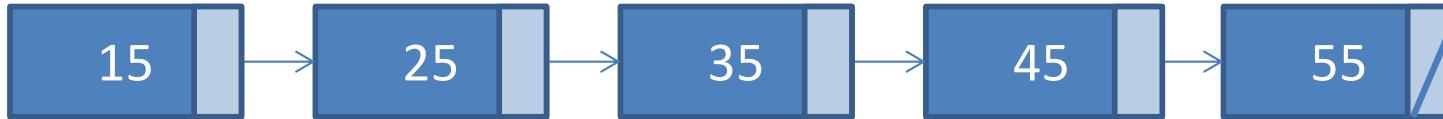
found

false

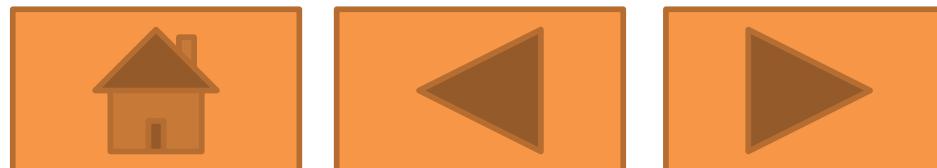
(true)

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```

firstNode



currentNode



anEntry

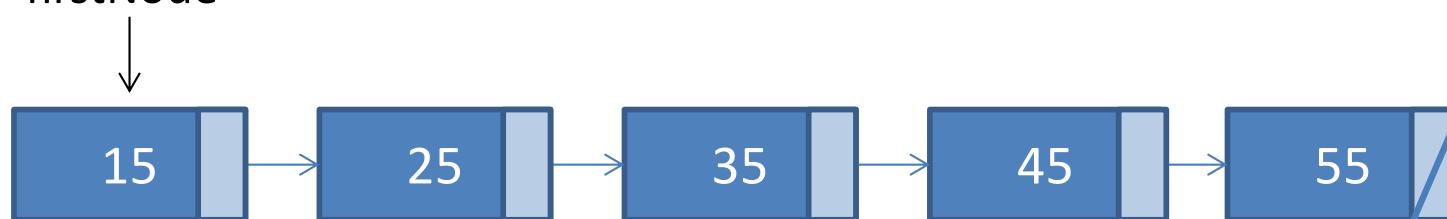
35

found

false  
true

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```

firstNode



currentNode



anEntry

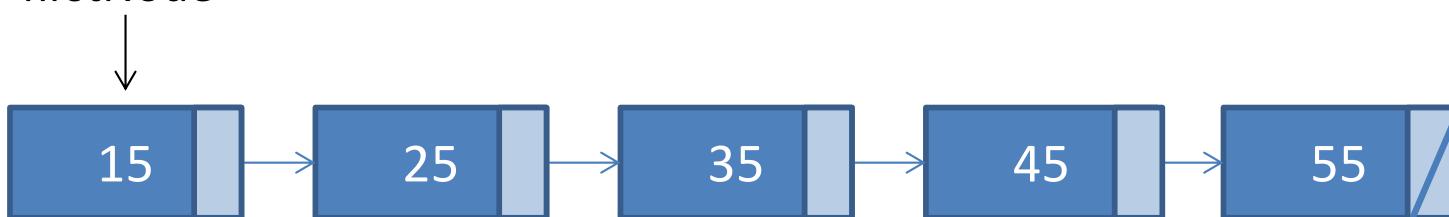
35

found

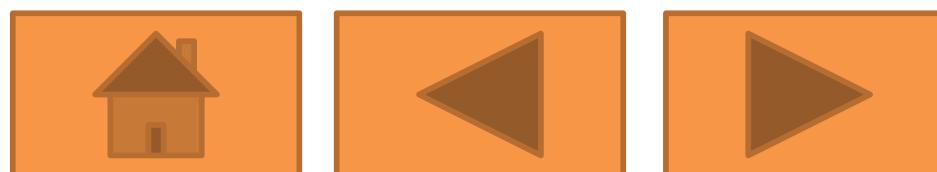
true

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```

firstNode



currentNode



anEntry

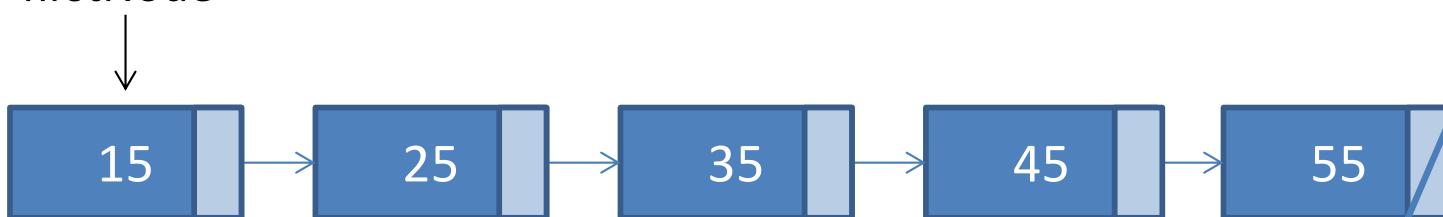
35

found

true

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```

firstNode



currentNode



anEntry

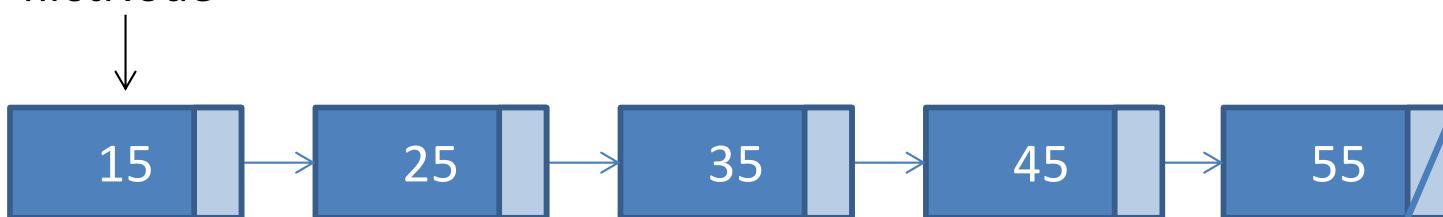
35

found

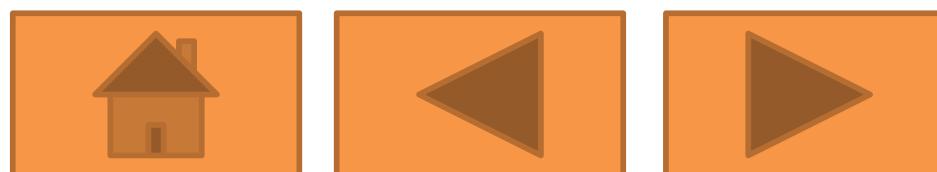
true

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```

firstNode



currentNode



anEntry

35

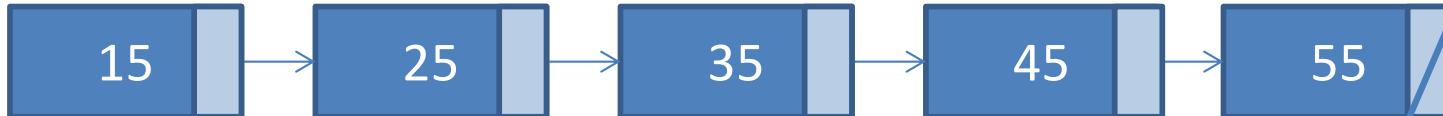
found

true

(false)

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```

firstNode



currentNode



anEntry

35

found

true

```
public boolean contains(T anEntry)
{
    boolean found = false;
    Node currentNode = firstNode;
    while (!found && (currentNode != null))
    {
        if (anEntry.equals(currentNode.data))
            found = true;
        else
            currentNode = currentNode.next;
    } // end while
    return found;
} // end contains
```

firstNode



currentNode

