Name : _____ Date : _____

A+ Linked List Worksheet 4

Part 1 : Complete method countNodes().

```
private ListNode theList;   //instance variable / data field
```

//method countNodes will count the number of nodes present in the list
```
public int countNodes()
{
```

Example

```
//original list
1 -> 5 -> 3 -> 4 -> 7 -> null

//retun value of countNodes
5
```

```
}
```

Part 2 : Complete method doubleFront().

```
private ListNode theList;   //instance variable / data field
```

//method doubleFront will add a new node at the front of the list with
// the same value as the current node at the front of the list
```
public void doubleFront()
{
```

Example

```
//original list
1 -> 4 -> null

//list after call to double
1 -> 1 -> 4 -> null
```

```
}
```