Some things to add to your linked list module....

Copy linkedList02.f03 to linkedList03.f03

- 1. Remove head, ptr, and tail from linkedList03.f03.
- 2. Add a new subroutine called linkedListReal_incrementCurrent that moves the object's current pointer one node forward. Modify linkedList_getCurrent to use Function linkListReal incrementCurrent instead of the line

```
if(ASSOCIATED(myLinkedList%current%next))
myLinkedList%current=>myLinkedList%current%next
```

Function listLinkReal_incrementCurrent should take only 1 argument, the linkedListReal object.

3. Edit Function linkListReal_incrementCurrent so that it has a second dummy argument called incrementBy. This dummy argument (incrementBy) should be an integer and be optional. It will indicate the number of moves to incrment the linkedListReal object's current pointer by. It should accept both positive and negative values to move forward and reverse in the list. If it is not sent by the calling program unit, it should default to 1.

Copy linkedList03.f03 to linkedList04.f03 -and-Copy linkedListMod.f03 to linkedListMod1.f03

- 4. Edit linkedList04.f03 so that the program and end program lines use the updated program name.
- 5. Edit linkedList04 to use linkedListMod1 instead of linkedListMod.
- 6. Edit Function linkedListReal_getCurrent so that it has a new optional dummy argument called incrementBy. This argument should default to 0 within function linedlistReal_getCurrent.