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Lab 5

The Four Cases:

**1 – theList is empty**

List (first-->last):

Number of links is: 0

There are not enough links to split!

**2 – theList has an odd number of links (used 3 links)**

List (first-->last): {66, 6.99} {44, 4.99} {22, 2.99}

Number of links is: 3

The list is odd!

The first Linklist:

List (first-->last): {44, 4.99} {22, 2.99}

The second Linklist:

List (first-->last): {66, 6.99}

**3 – theList has an even number of links (used 4 links)**

List (first-->last): {88, 8.99} {66, 6.99} {44, 4.99} {22, 2.99}

Number of links is: 4

The list is even!

The first Linklist:

List (first-->last): {44, 4.99} {22, 2.99}

The second Linklist:

List (first-->last): {66, 6.99} {88, 8.99}

**4 – theList has only has one link**

List (first-->last): {22, 2.99}

Number of links is: 1

There are not enough links to split!

Complete project is included. Source code can be found there.