Even Odd

Implement the method `evenOdd` by *destructively* changing the ordering of a given `IntList` so that even indexed links **precede** odd indexed links.

For instance, if `lst` is defined as `IntList.list(0, 3, 1, 4, 2, 5)`, `evenOdd(lst)` would modify `lst` to be `IntList.list(0, 1, 2, 3, 4, 5)`.

You may not need all the lines.

Hint: Make sure your solution works for lists of odd and even lengths.

```
public class IntList {
    public int first;
    public IntList rest;
    public IntList (int f, IntList r) {
        this.first = f;
        this.rest = r;
    }

    public static void evenOdd(IntList lst) {

      if (_____________________________________________) {
          return;
      }

      ______________________________________________

      ______________________________________________

      while (_____________________________________________) {

          ______________________________________________

          ______________________________________________

          ______________________________________________

          ______________________________________________
      }

      ______________________________________________
    }
}
```