diff example

See [Wikipedia](#) for a good explanation of how `diff` works and the meaning of its output.

Output from diff Ignore line wraps in this column	comments

`$ diff`
`../../libraryHolmes/64_OrderedArrayList_v1/OrderedArrayList.java`
`OrderedArrayList_String.java`
	This is a single command on one line.
	
	`diff` takes 2 arguments, in the order you'd expect:
	• a path to the original file, from `libraryHolmes` in this case
	• a path to the modified file, in the current directory in this case

`2c2`	Line **2** in the original file was **c**hanged to line **2** in the modified file

`<    OrderedArrayList v1`
`---`
`>    OrderedArrayList_String, based on OrderedArrayList v1`
	The modification can be achieved by removing (<) the line in the original file that says
	    `OrderedArrayList v1`
	and inserting (>) the line that starts with
	    `OrderedArrayList_String, based…`

`4,7c4,5`
`<    a list with the invariant the elements are in order by`
`<    increasing value.`
`<`
`<    has-A standard ArrayList, rather than our SuperArray`
`---`
`>    a list of String elements, with the invariant the elements`
`are in order by increasing value.`
	In updating the header comments, I changed
	    lines 4 through 7 in the original file
	into
	    lines 4 through 5 in the modified file.