Revision

Mar 29 q1a:	*instruction change*	remove mention of prev-tail pointers (***important! – unnecessarily complicates assignment with no benefit***)
Mar 29 q1a:	*comment change*	empty_list() remember to free the memory of the contents
Mar 29 q1a:	*comment change*	strlen
Mar 30 q1a:	*comment change*	size returns the actual size as an integer, not SUCCESS/FAIL
Mar 30 q1a:	*instruction change*	remove functions can now return either SUCCESS or void, your choice
Mar 31 q1a:	*comment change*	print_sort prints "print_all … " instead of "print_sort …". The example has been corrected.
Apr 01 q1a:	*instr^n clarification*	to a=append: input lines could have any number of spaces between command/args (true for any command)
Apr 02 q1a:	*instr^n change*	value_t and key_t changed to value_type and key_type [use your text editor and do a search/replace in all .c and .h files]
Apr 03 q1a:	*example change*	remove example: what is printed when the list is empty and there is nothing to remove
Mar 29 q1b:	*instruction change*	*a/n* should read *a/n key value,* same for *p/n*
Mar 29 q1b:	*comment change*	all "verbose commands" actually report commands, warning to free new lists
Mar 31 q1b:	*instruction change*	remove functions can now return either SUCCESS or void
Apr 02 q1b:	*instr^n change*	value_t and key_t changed to value_type and key_type [use your text editor and do a search/replace in all .c and .h files]
Apr 03 q1b:	*example change*	for a|n, `print_all: Insertion Order` should be `print_all: list = 2, Insertion Order`
Apr 03 q1b:	*example change*	for `diff|n:m`, `Insertion Order` added to the printout
Apr 03 q1b:	*example change*	for `sum_sq_d|n:m`, `Insertion Order` added to the printout
Apr 03 q1b:	*example change*	change to square output – should be 1.0 1 etc. instead of 1 etc.
Apr 05 q1b:	*instr^n change*	`map_2_reduce` now takes the same `value_type` init parameter as `map_reduce`
Apr 05 q1b:	*comment change*	explains that you can choose any function design for sum, diff, square, etc. as they are not specified in the question
Apr 07 q1b:	***comment change***	**follow up to the above: the return value for sum_of_sq_diff can be any value to indicate failure if the sizes are different**
Mar 29 q2:	*comment change*	sum example should not have order as an argument
Mar 31 q2:	*instruction change*	function count up changed from 0 to 2n to 0 to n (to match the command on the next page)
Mar 31 q2:	*instruction change*	function count down changed from n to 0 to 2n to 0 (to match the command on the next page)
Apr 02 q2:	*instr^n change*	value_t and key_t changed to value_type and key_type [use your text editor and do a search/replace in all .c and .h files]
Apr 03 q2:	*example change*	remove example: what is printed when the list is empty and there is nothing to remove
Apr 03 q2:	*example change*	nth example where n is greater than (or equal to) the size of the list has been added
Apr 06 q2:	***instr^n change***	**recursive functions count up and count down now explicitly stated to print to stdout (previously just implied)**
Apr 06 q2:	***instr^n change***	**change gcd signature to `long long` for the return value and both parameters to match the change in Fraction in q3**
Apr 07 q2:	***instr^n change***	**gcd command added (page it was on was accidently not included) – optional provided gcd is successfuly used in q3**
Mar 29 q3:	*comment change*	in append, example changed from "*input*" to "*commands, as stored in the input file*"
Apr 02 q3:	*instr^n change*	value_t and key_t changed to value_type and key_type [use your text editor and do a search/replace in all .c and .h files]
Apr 03 q3:	*instr^n change*	change from "unsigned long denom" to "long denom", but either definition is acceptable
Apr 05 q3:	*instr^n change*	change from `long` to `long long` in `struct Fraction` to handle larger num and denom as used in the example
Apr 05 q3:	*instr^n change*	change from `int` to `long long` in `set_fraction` to handle larger num and denom as used in the example
Apr 06 q3:	*hint added*	Hint on how to handle the `OVERFLOW` situation when writing `sum()`

Changes: April 06, 11:30 pm

Most recent changes bolded: April 07, 1:30 pm