Error 1

```
generate-random-integers: undefined;
cannot reference an identifier before its definition
```

Change 1

This is defined at the end of the program so cannot be called by a function above it

To fix this Is imply copy and pasted it above the functions calling it

Error 2

```
take: contract violation
  expected: a list with at least 5 elements
  given: '(78 79 35)
```

Change 2

```
in the function partition-into-scublists
Changed this: (cons (take lst n) (partition-into-sublists (drop lst n) n))))
To this (let ([sublist (if (< (length lst) n) lst (take lst n))]) ;; Handle cases
where lst has fewer than n elements (cons sublist (partition-into-sublists (drop
lst (length sublist)) n)))));; Drop only the actual size of sublist</pre>
```

Test Cases

The three test cases I wrote. The original one I got from the LLM

Original

```
;; Example usage: (define test-list (generate-random-integers 43 1 100))
(displayIn "Original list: ") (displayIn test-list) (displayIn "Sorted list
using quicksort with median-of-medians: ") (displayIn (quicksort-mom test-list))
```

Added test cases

```
;; 4
(define 4-test (generate-random-integers 4 1 100))
(displayln "Original list: ")
(displayln 4-test)
(displayln "Sorted list using quicksort with median-of-medians: ")
(displayln (quicksort-mom 4-test))

;; 43
(define test-43 (generate-random-integers 43 1 100))
(displayln "Original list: ")
(displayln test-43)
(displayln "Sorted list using quicksort with median-of-medians: ")
(displayln (quicksort-mom test-43))

;; 403
(define 403-test (generate-random-integers 403 1 100))
(displayln "Original list: ")
```

```
(displayIn 403-test)
(displayIn "Sorted list using quicksort with median-of-medians: ")
(displayIn (quicksort-mom 403-test))

;; 400,003
(define 400003-test (generate-random-integers 400003 1 100))
(displayIn "Original list: ")
(displayIn 400003-test)
(displayIn "Sorted list using quicksort with median-of-medians: ")
(displayIn (quicksort-mom 400003-test))
```