Lazy Evaluation
Laboratory 7

1. Define a function that returns the minimum value in a list, by returning the first element of the sorted list.
2. Design a computational experiment to compare the time complexity of the function above with the time complexity of the sort function.
3. Repeat the experiment for several sorting functions (insertion, selection, merge-sort, quick-sort – you will implement these functions in Haskell).
4. Repeat the experiment for an implementation of the `max` function by calculating the last element of the sorted list.
5. Define the infinite list of Fibonacci numbers.
6. Define an infinite list of booleans where prime numbers have the value `True` associated with them.
7. Define an infinite list of prime numbers.