**Extra Credit 1** : Look at (from the Oracle Java API) some of the methods in the Stream interface and the Collectors class, that we have Not covered in class. Understand what they do. Then use them in a real Java program, and make sure your results are correct. Upload these java files to Sakai.

Stream Interface

1. Static Methods
   1. static Stream<T> generate(Supplier<T> s);
   2. static Stream<T> concat(Stream<? extends T> s1, Stream<? extends T> s2)
   3. static Stream<T> iterate(T seed, UnaryOperator<T> f)
2. Instance Methods
   1. boolean anyMatch(Predicate<? super T> predicate);
   2. boolean allMatch(Predicate<? super T> predicate);
   3. Stream<R> flatMap(Function<? super T,? extends Stream<? extends R>> mapper)