**STREAM**

* Gives access to Stream API functions.
* Get an instance through:
  + A Collection:

**List<Integer> list = new ArrayList<>();**

**Stream<Integer> stream = list.stream();**

* + An Array:

**String[] array = new String[10];**

**Stream<String> stream = Arrays.stream(array);**

* + A Hash Map Collection:

**HashMap<String, String> map = new HashMap<>();**

**Stream<Map.Entry<String, String>> entries = -> whole map  
 map.entrySet().stream();**

**Stream<String> keys = map.keySet().stream(); -> keys**

**Stream<String> keys = map.values().stream(); -> values**

* Each function call creates a new Stream<T> instance
  + This allows method chaining

**List<String> strings = new ArrayList<>();**

**Stream<String> stringStream = strings.stream();**

**Stream<Integer> intStream =   
 stringStream.map(s -> s.length());**