# Java Streams

**Demonstrative Examples** 

## map

```
public static List<String> transform7(List<String> collection) {
            List<String> coll = new ArrayList<>();
            for (String element : collection) {
                coll.add(element.toUpperCase());
            return coll;
public static List<String> transform8(List<String> collection) {
            return collection.stream() // Convert collection to Stream
                    .map(String::toUpperCase) // Convert each element to upper case
                    .collect(Collectors.toList()); // Collect results to a new list
         }
```

## filter

## flatMap

#### max

### sum and reduce

# filter and map