

Worksheet: Map/Reduce

You are given the following parallel Map/Reduce “framework” for processing a collection of Strings using Java Streams:

```
List<String> list = Arrays.asList("Rice", "Owls", "are", "the", "best");  
var value =  
    list.stream().parallel()  
        .filter(____A____)  
        .map(____B____)  
        .reduce(____C____);
```

Using this framework, solve the following problems by filling in the blanks A, B and C (note that C can be 1, 2 or 3 arguments, depending on which variant of reduce you choose):

1. Find all the strings that contain the letter “s”, convert them all to upper case, and concatenate them
2. Find the total length of all the strings that start with a lowercase letter

