

## Assignment questions Mastering java 8

### Question 2:

Map and Sum Given a list of strings representing numbers:

List numberStrings = Arrays.asList("1", "2", "3", "4", "5");

Use the Stream API to convert each string to its corresponding integer and then find the sum of all the integers. What is the expected output?

```
public class Question2 {  
    public static void main(String[] args) {  
        List<String> numberStrings = Arrays.asList("1", "2", "3", "4", "5");  
        int sum = numberStrings  
            .stream()  
            .map((num) -> Integer.parseInt(num))  
            .reduce(0, (a,b) -> a+b);  
  
        System.out.println("sum of enen numbers in "+numberStrings+"->  
"+sum);  
    }  
}
```