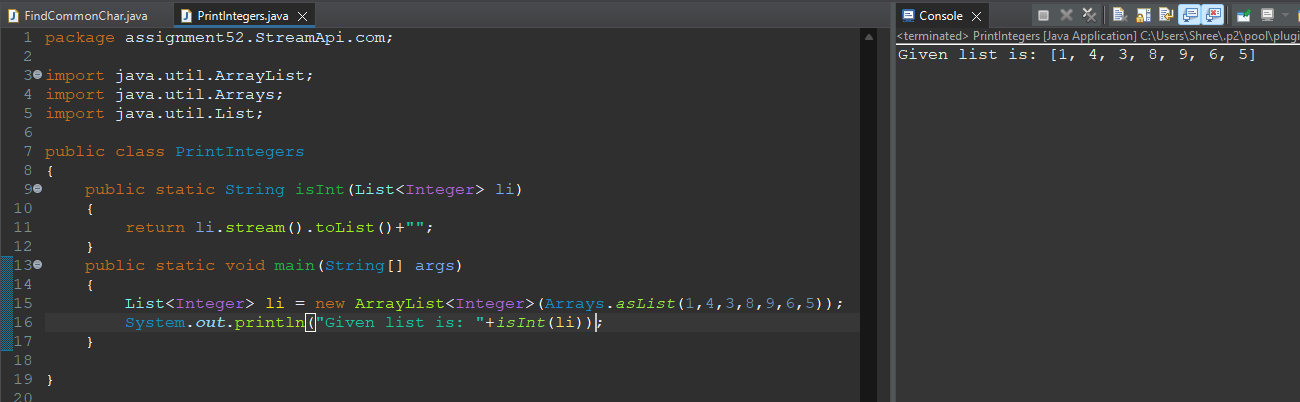
**Assignment No:-52**

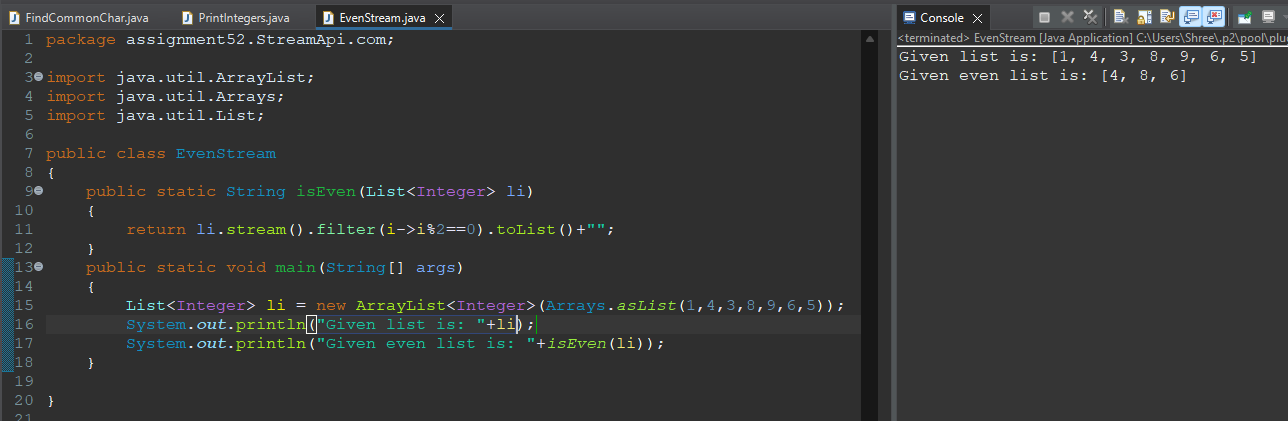
Name:-Suryawanshi Sangramsingh Sambhaji

Batch: - Delta - DCA (Java) 2024 Date:-24/7/2024

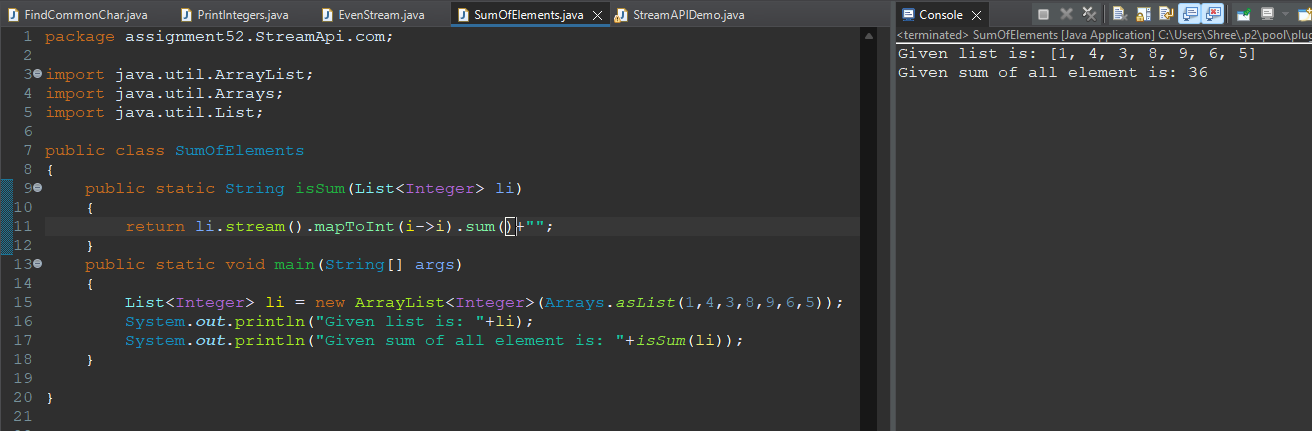
**Q1.Write a program to create a stream from a list of integers and print each element.**

****

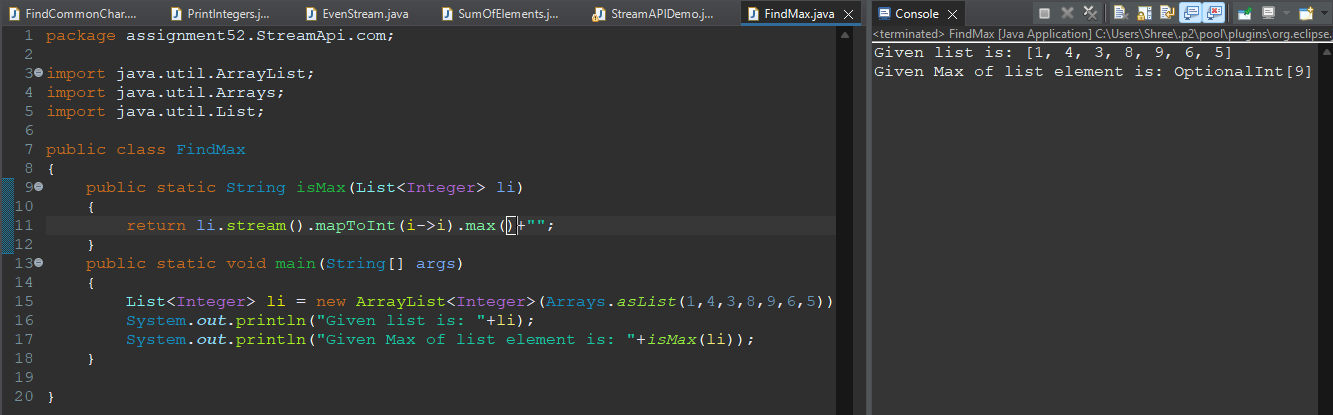
**Q2.Implement a program to filter even numbers from a list using the Stream API.**

****

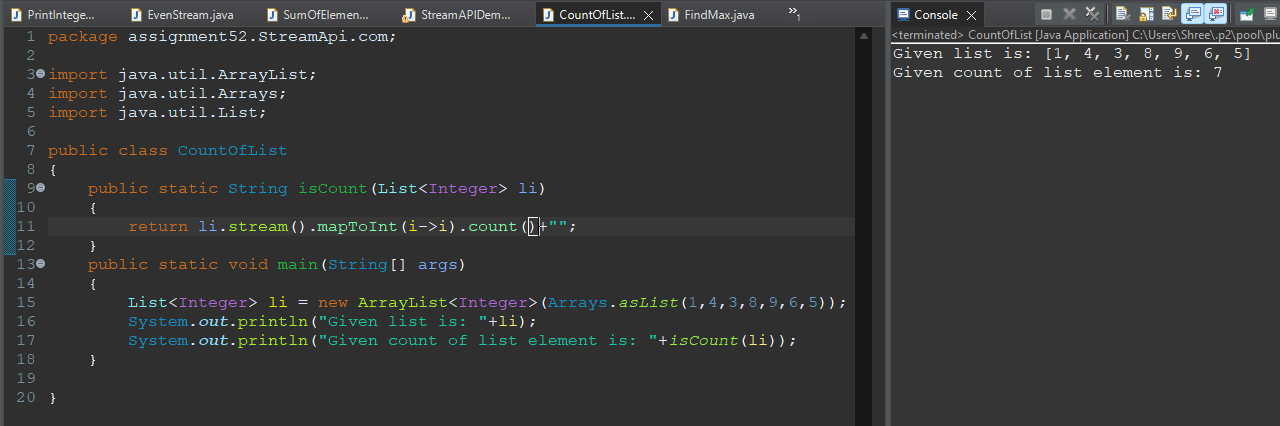
**Q3. Write a program to find the sum of all elements in a list using streams.**

****

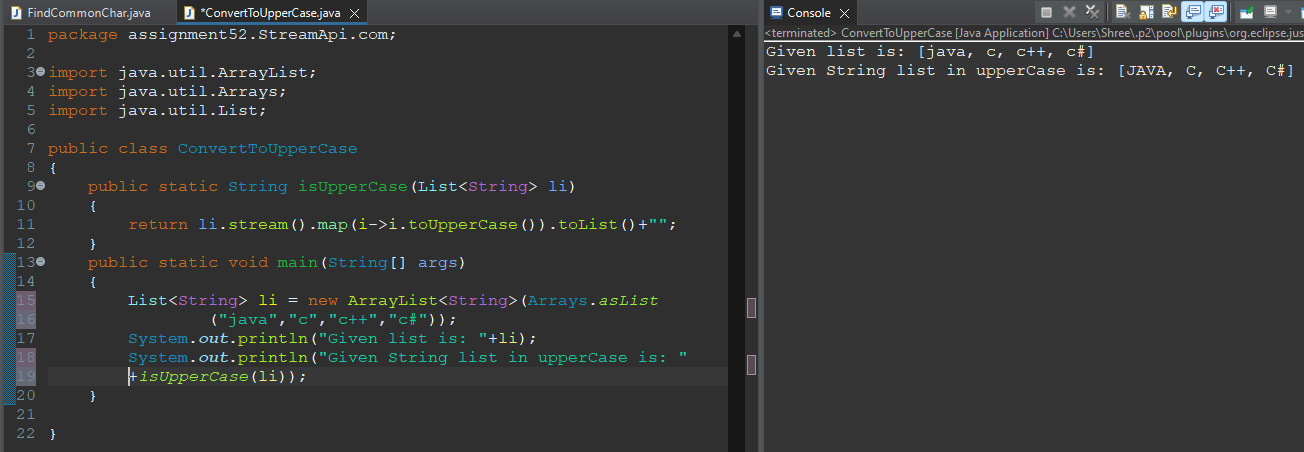
**Q4. Implement a program to find the maximum element from a list using streams.**

****

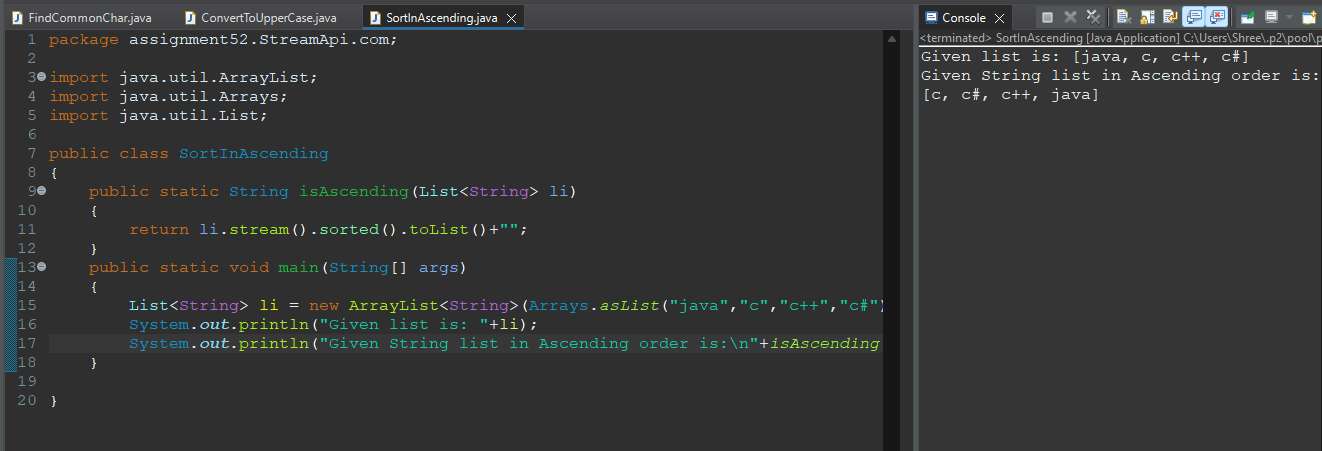
**Q5. Write a program to count the number of elements in a list using streams.**

****

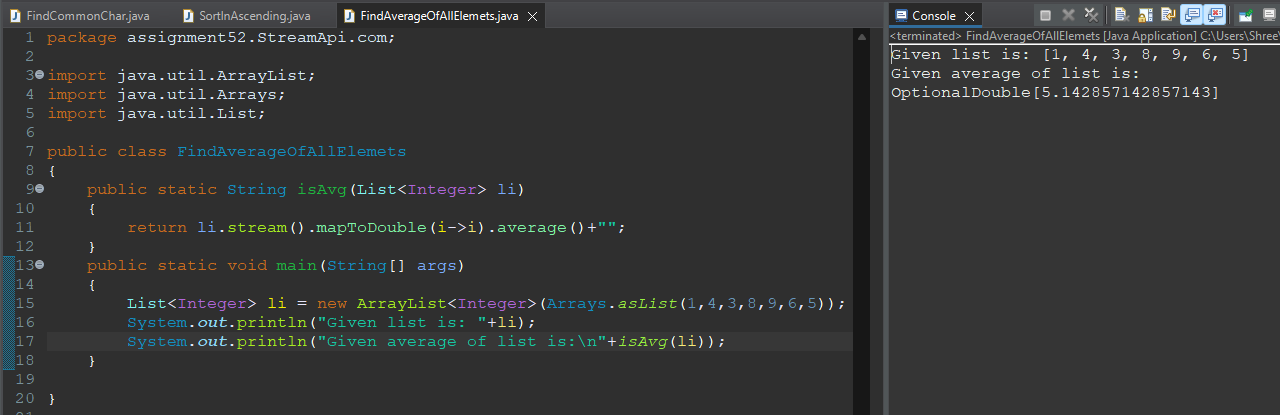
**Q6. Implement a program to convert a list of strings to uppercase using streams.**

****

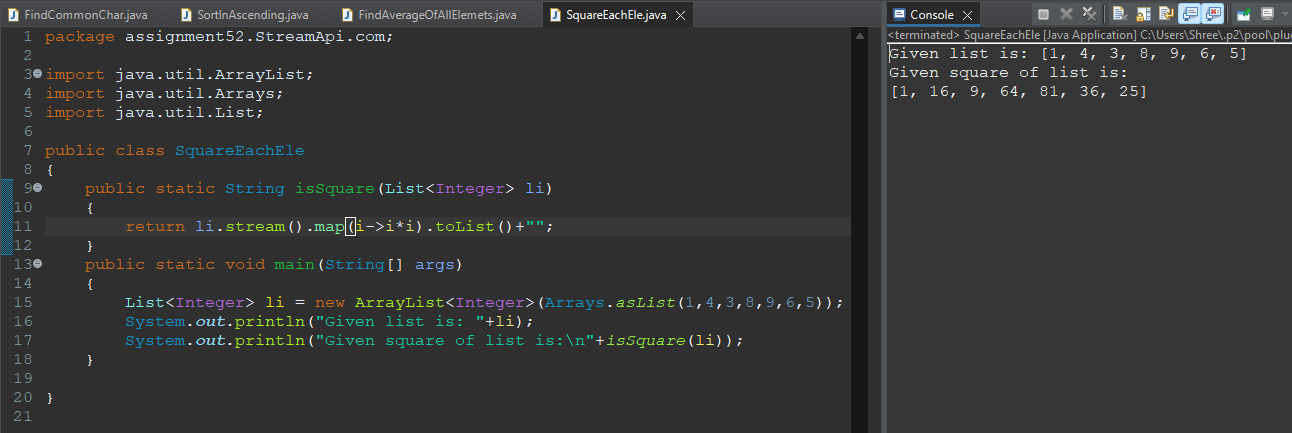
**Q7. Write a program to sort a list of strings in ascending order using streams.**

****

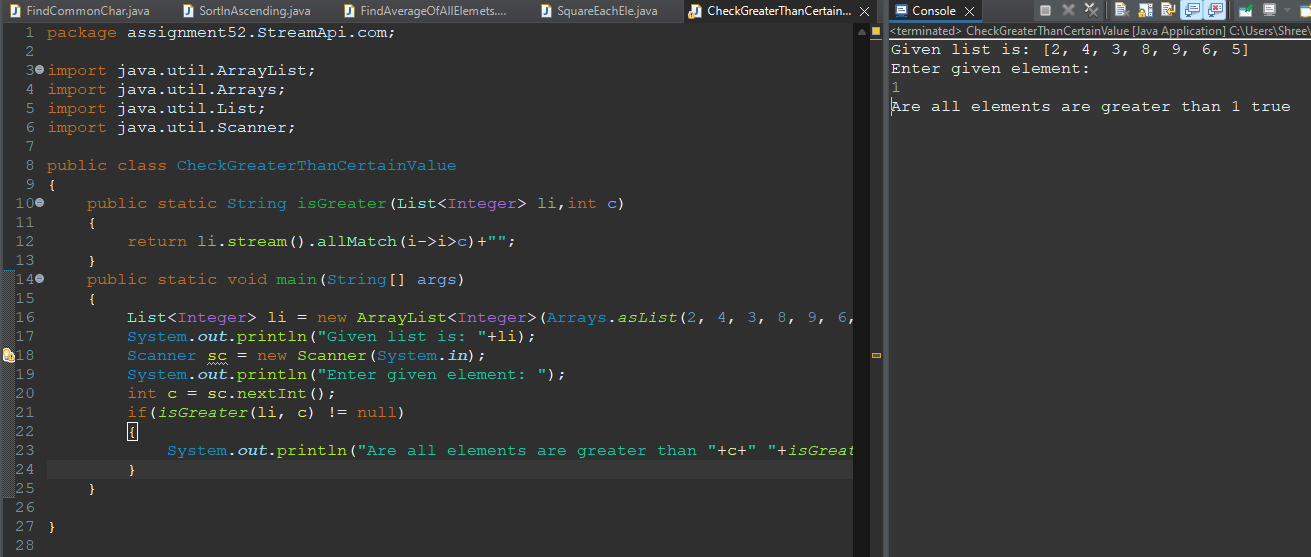
**Q8. Implement a program to find the average of all numbers in a list using streams.**

****

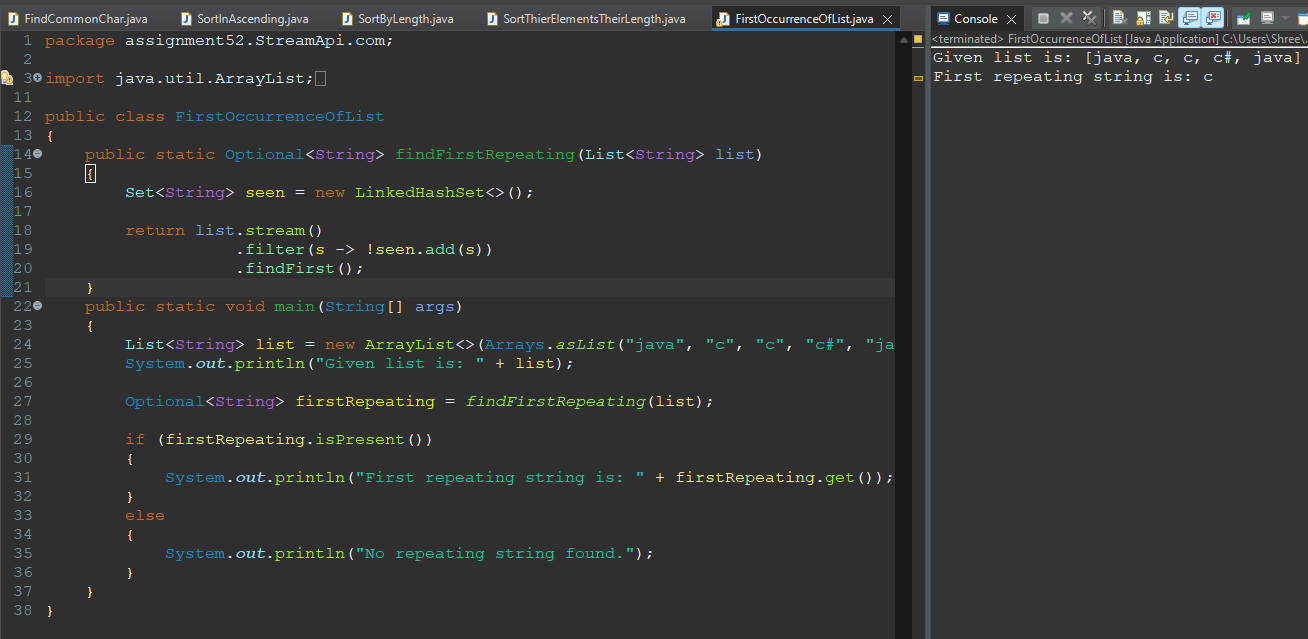
**Q9. Write a program to find the square of each element in a list using streams.**

****

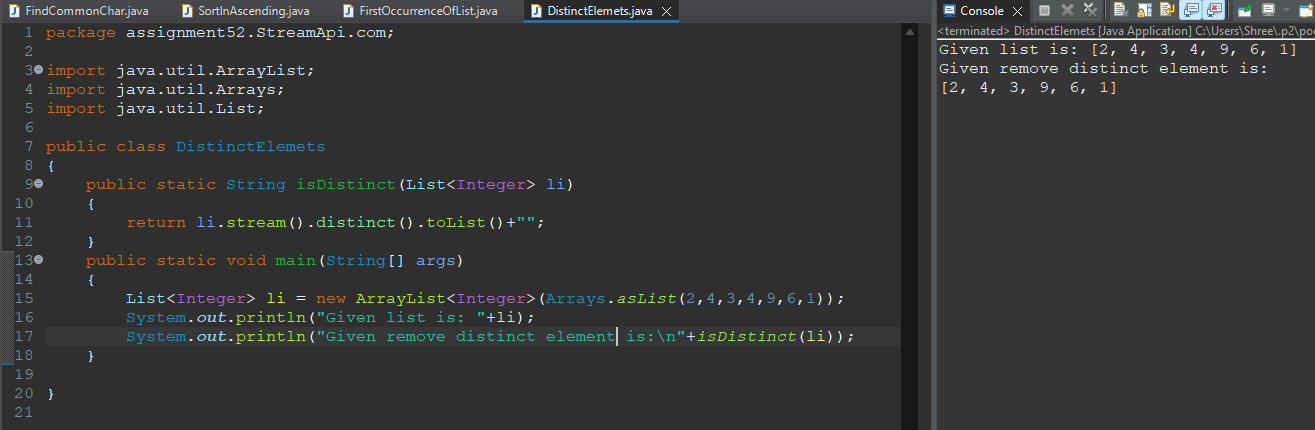
**Q10. Implement a program to check if all elements in a list are greater than a certain value using streams.**

****

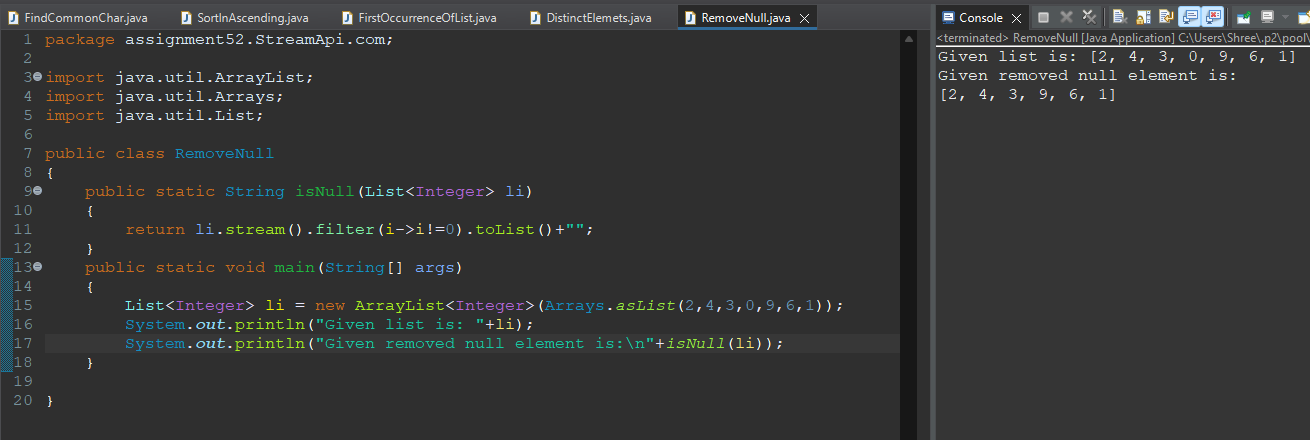
**Q11. Write a program to find the first occurrence of a given element in a list using streams.**

****

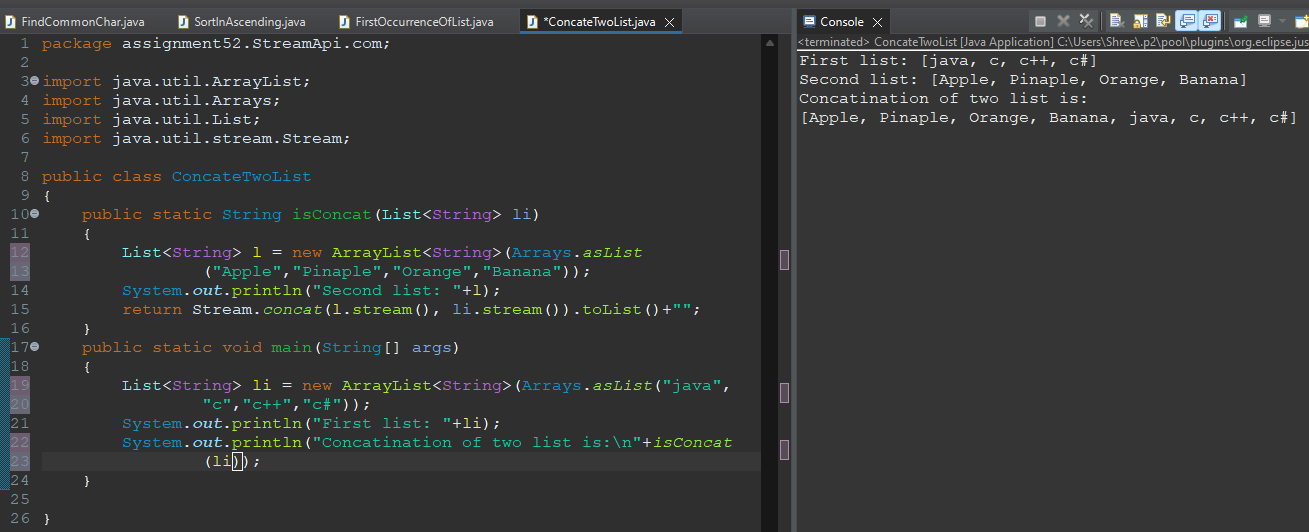
**Q12. Implement a program to find the distinct elements in a list using streams.**

****

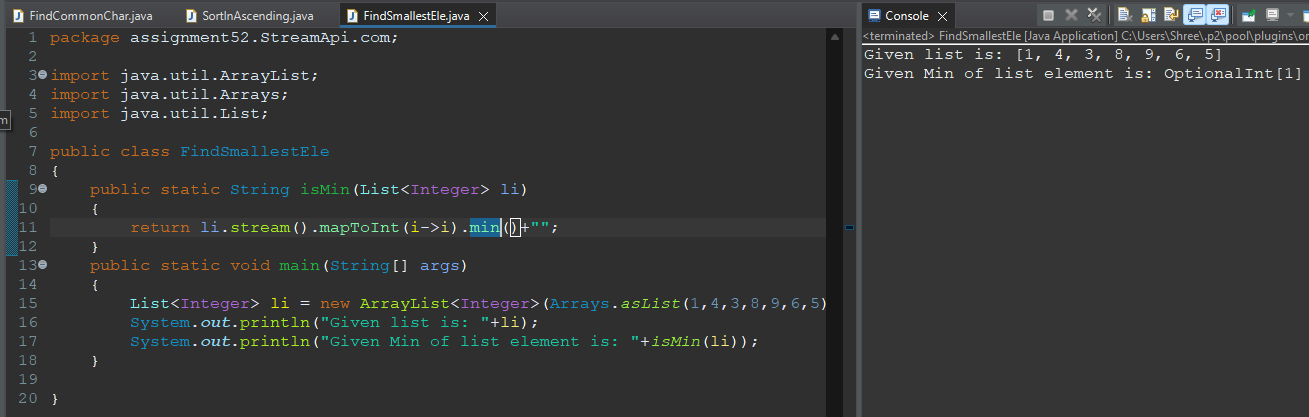
**Q13. Write a program to remove null values from a list using streams.**

****

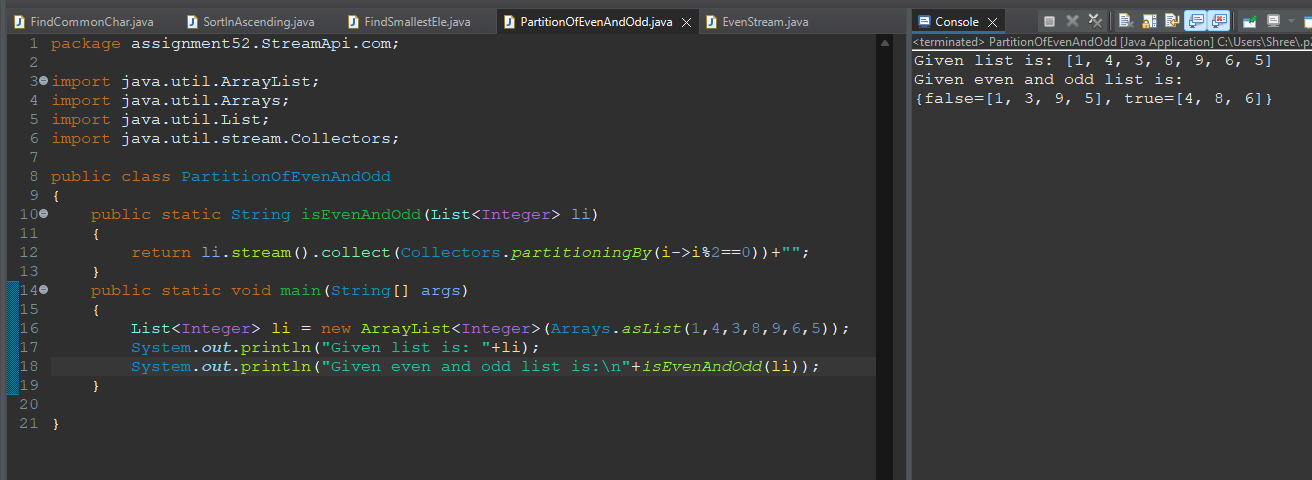
**Q14. Implement a program to concatenate two lists using streams.**

****

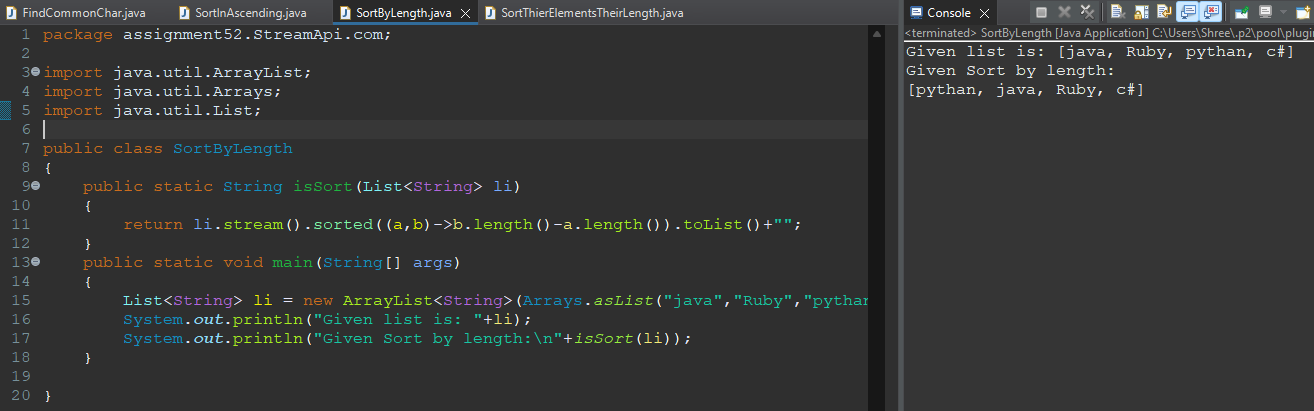
**Q15. Write a program to find the second smallest element in a list using streams.**

****

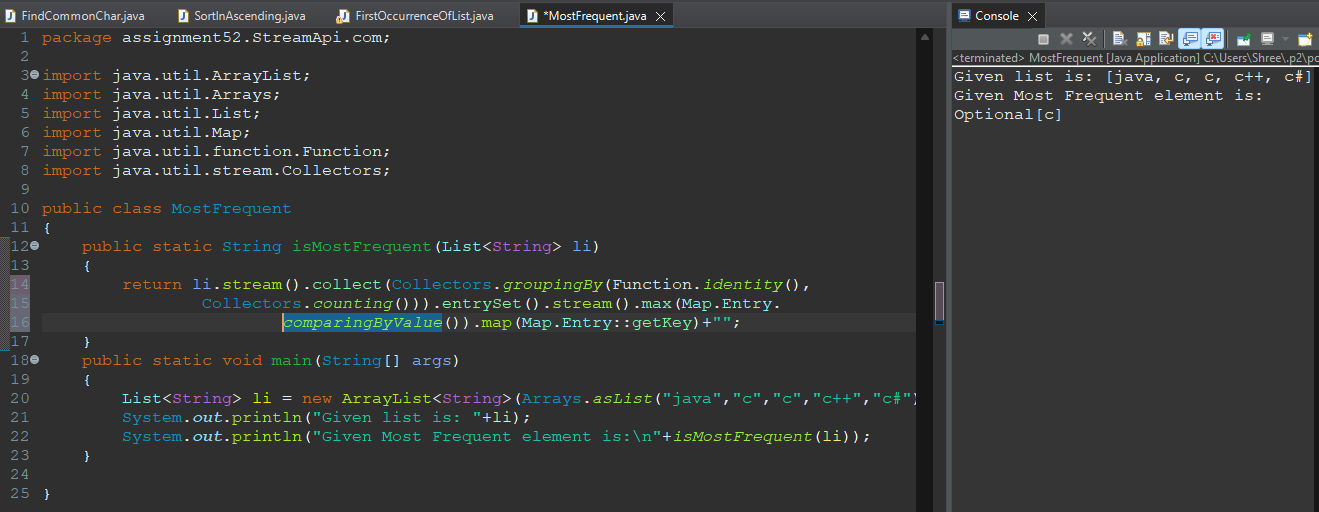
**Q16. Implement a program to partition a list into even and odd numbers using streams.**

****

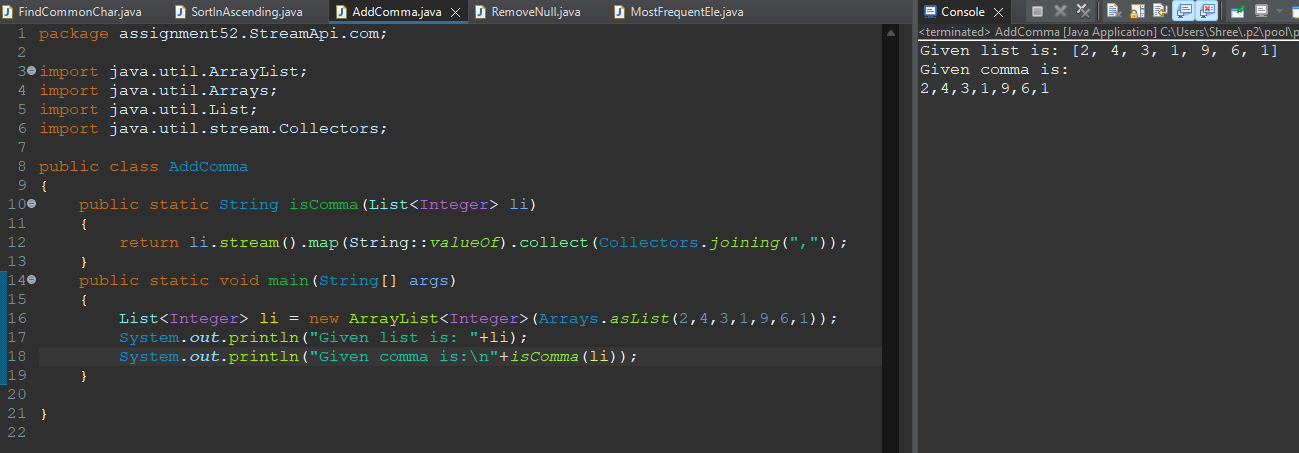
**Q17. Write a program to group elements of a list by their lengths using streams.**

****

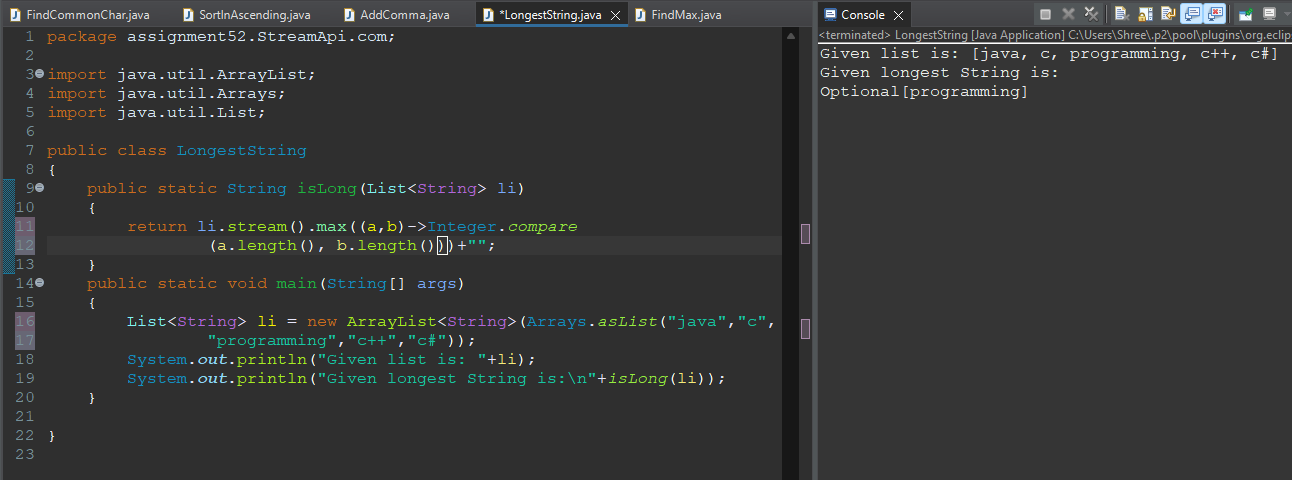
**Q18. Implement a program to find the most frequently occurring element in a list using streams.**

****

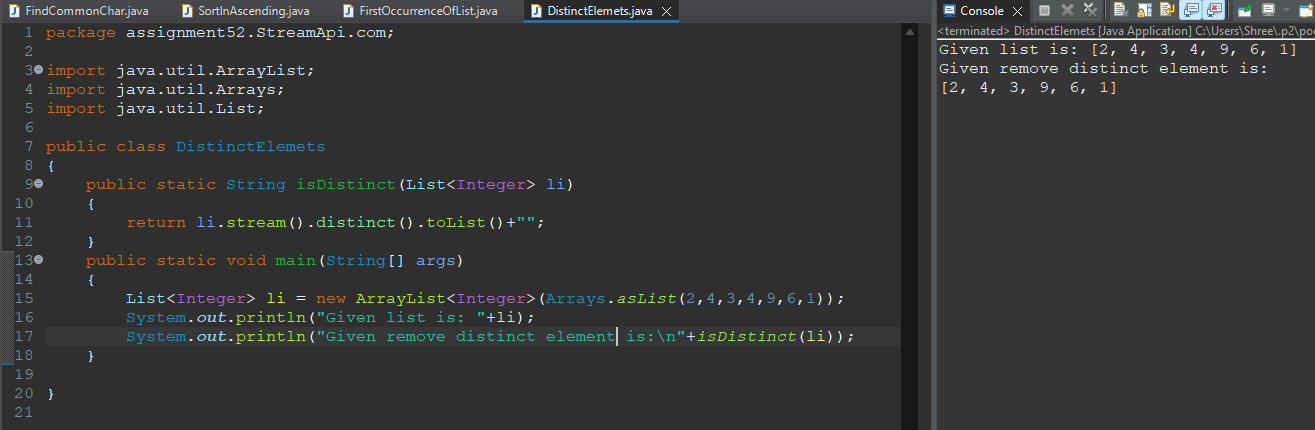
**Q19. Write a program to convert a list of integers to a comma-separated string using streams.**

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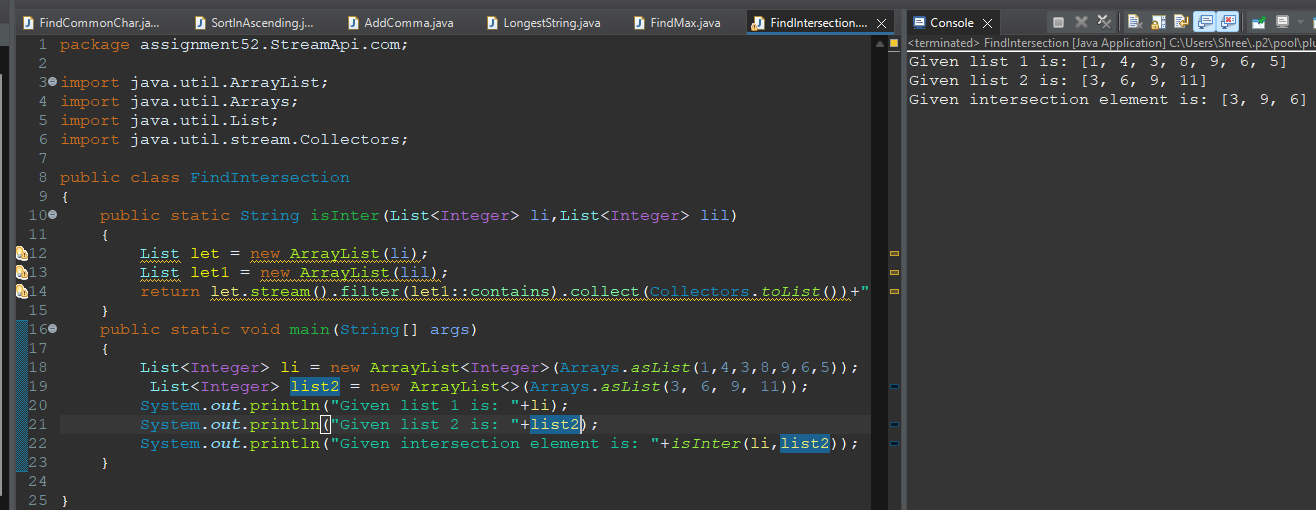
**Q20. Implement a program to find the longest string in a list using streams.**

****

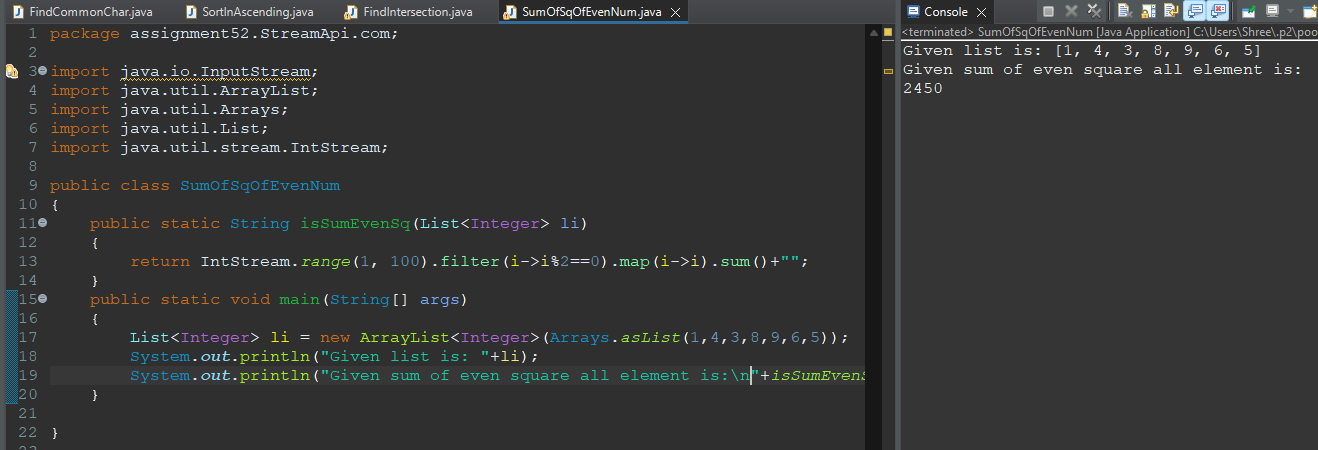
**Q21. Write a program to remove duplicate elements from a list using streams.**

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**Q22. Implement a program to find the intersection of two lists using streams.**

****

**Q23. Write a program to create a stream of numbers from 1 to 100 and find the sum of squares of all even numbers.**

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**Q24. Implement a program to find the cumulative sum of elements in a list using streams.**

**Q25. Write a program to convert a list of strings to a map where the key is the length of the string and the value is a list of strings of that length using streams.**

