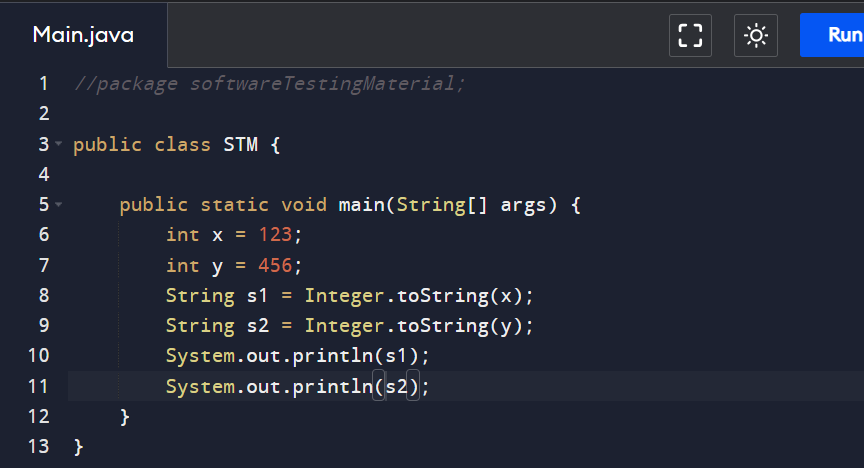
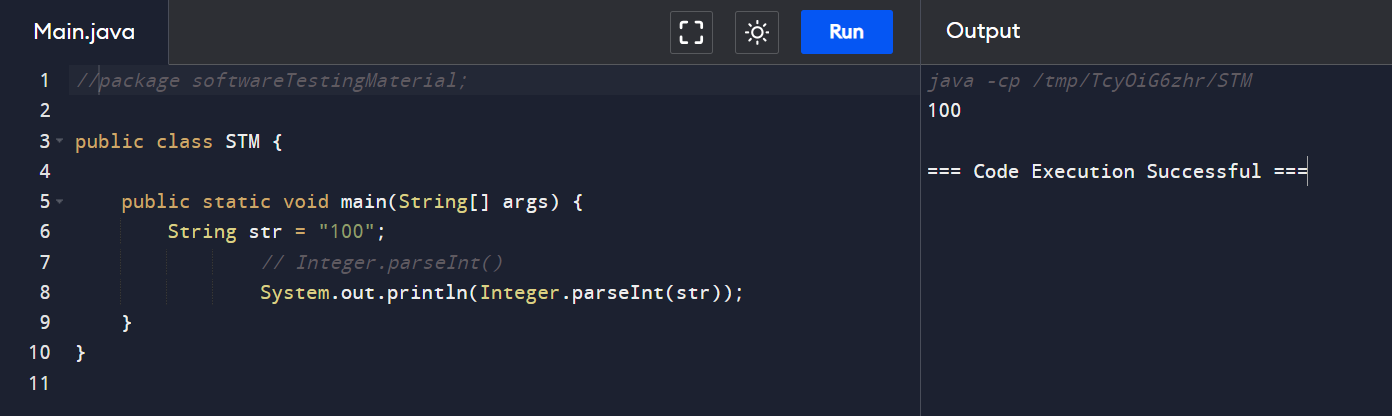
# Java Program: questions and answers

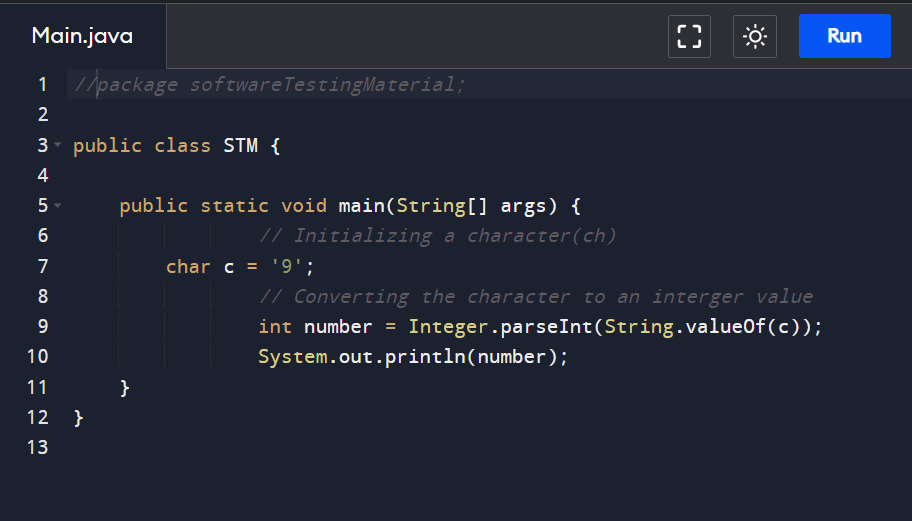
**1. How to convert Integer to String in Java?**



**2. How to convert String to Integer in Java?**



**3. How to convert Char to Integer in Java?**



**4. Write a program to print the pattern given below**

1

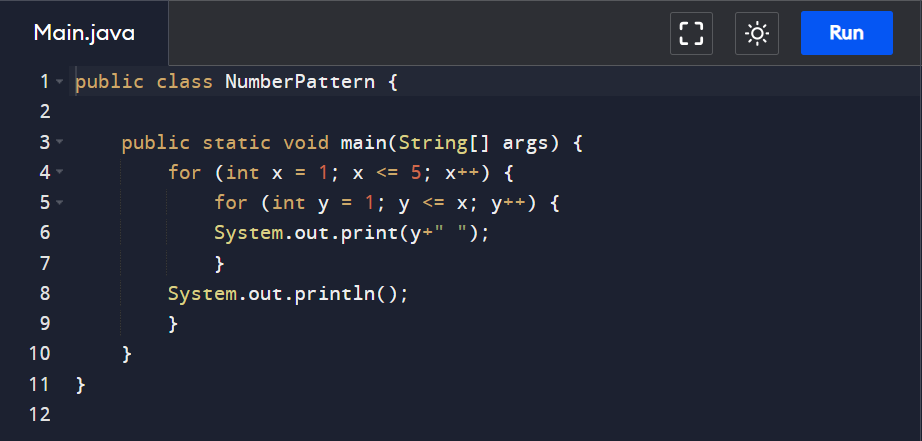
1 2

1 2 3

1 2 3 4

1 2 3 4 5

Here is the program to print the pattern mentioned above



**5. Write a program to print the pattern given below (Left Triangle Star Pattern)**

\*

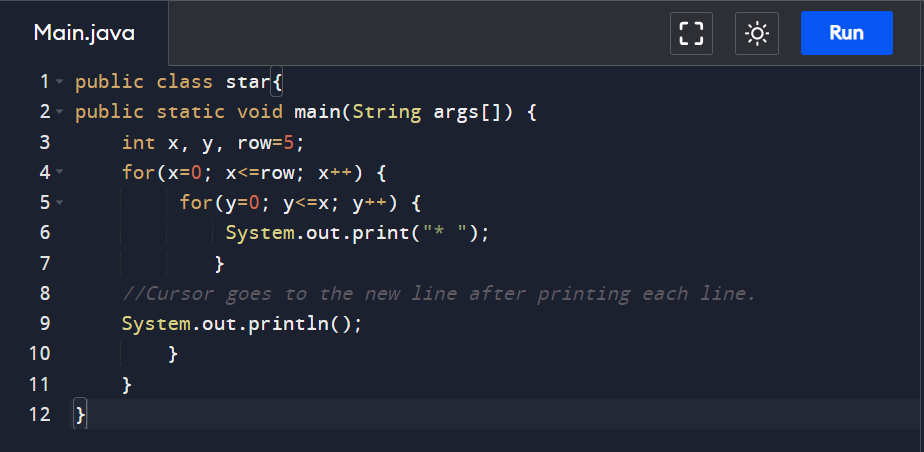
\* \*

\* \* \*

\* \* \* \*

\* \* \* \* \*

Here is the program to print the pattern mentioned above



**6. Write a program to print the pattern given below (Right Triangle Star Pattern)**

\*

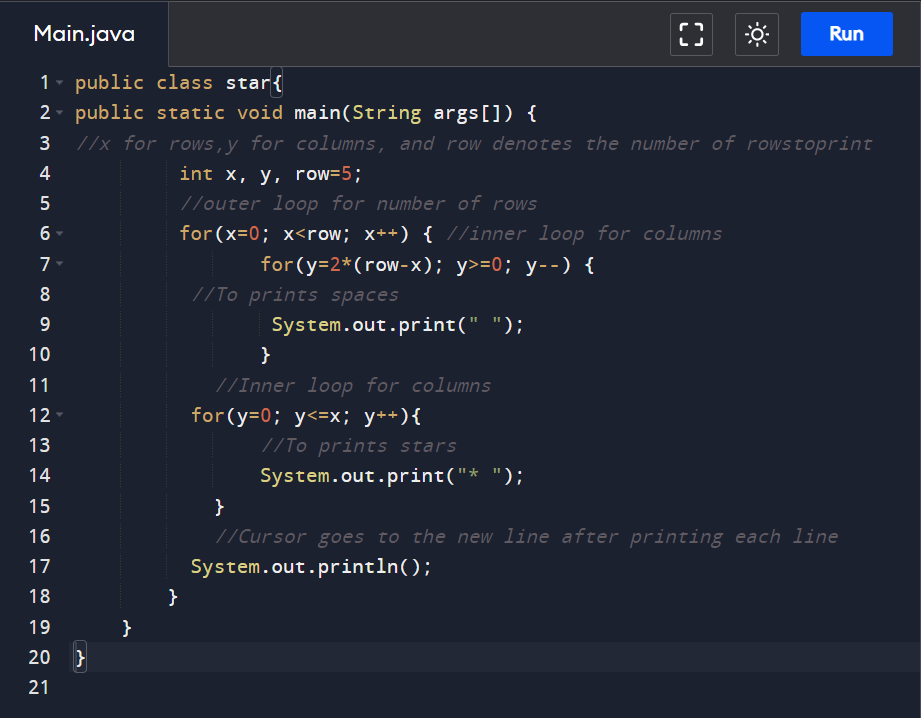
\* \*

\* \* \*

\* \* \* \*

\* \* \* \* \*

Here is the program to print the pattern mentioned above



**7. Write a program to print the pattern given below (Pyramid Star Pattern)**

\*

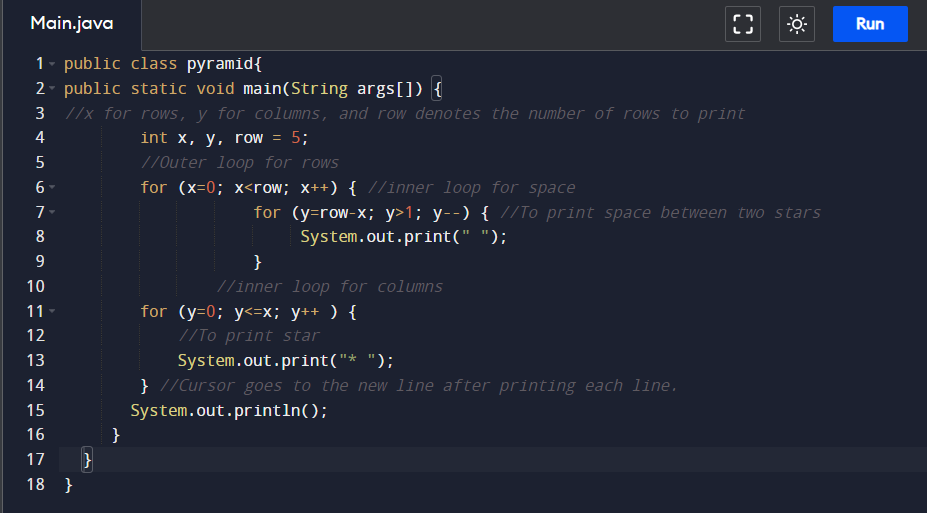
\* \*

\* \* \*

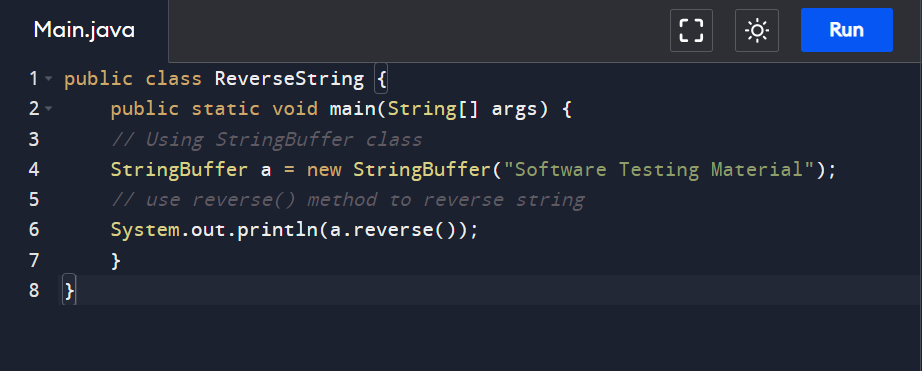
\* \* \* \*

\* \* \* \* \*

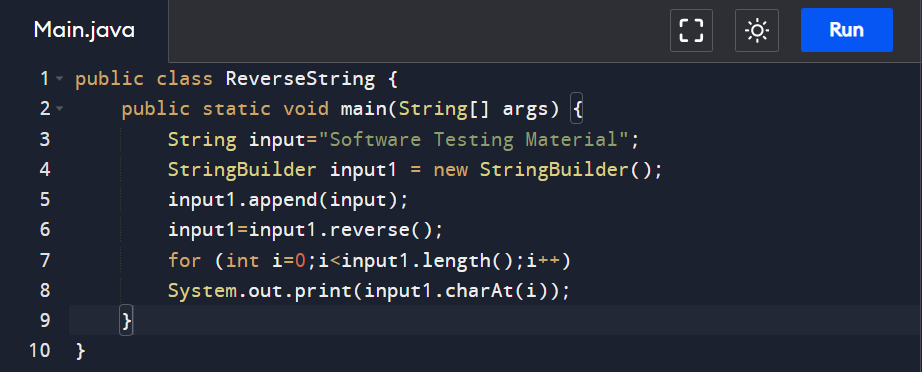
Here is the program to print the pattern mentioned above



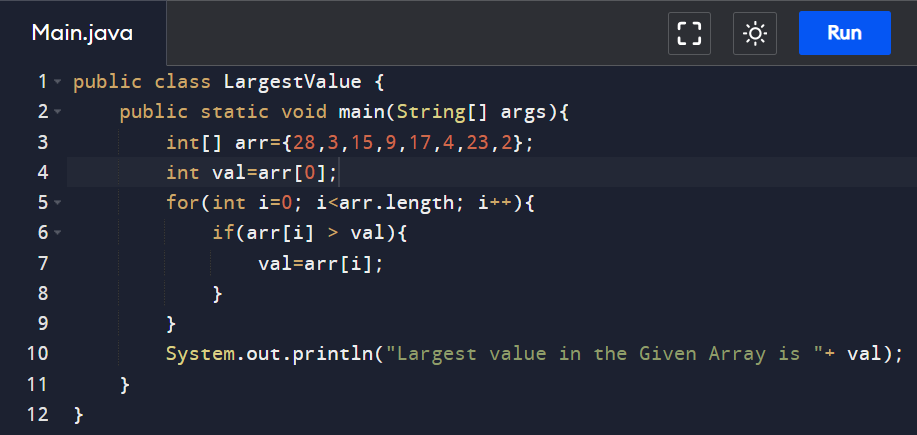
**8. How to reverse a String in Java?**



**Another method:**

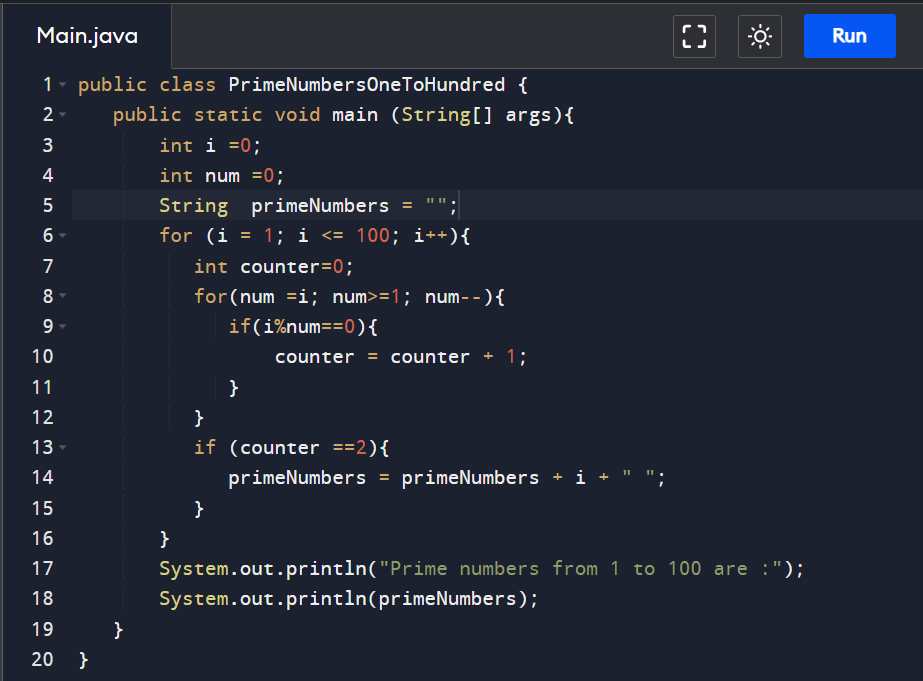


**9. How To Find The Largest Value From The Given Array.**

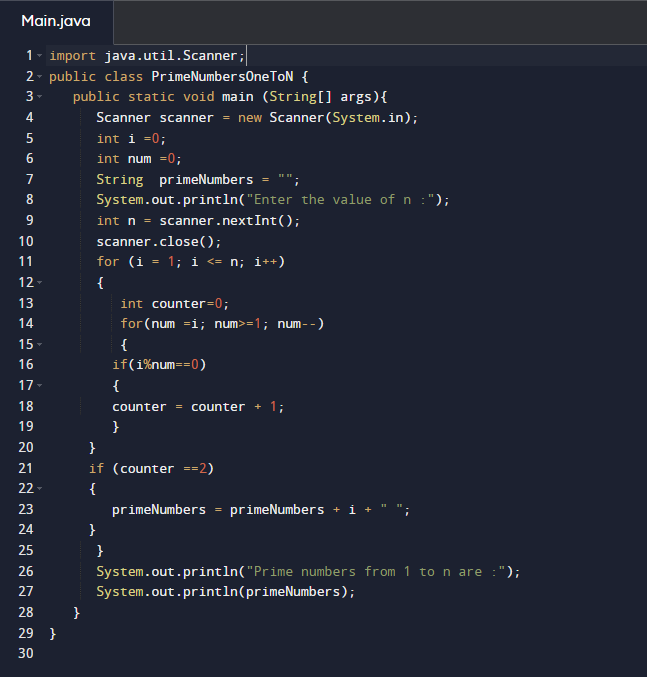


**10. How to display all the prime numbers between 1 and 100**

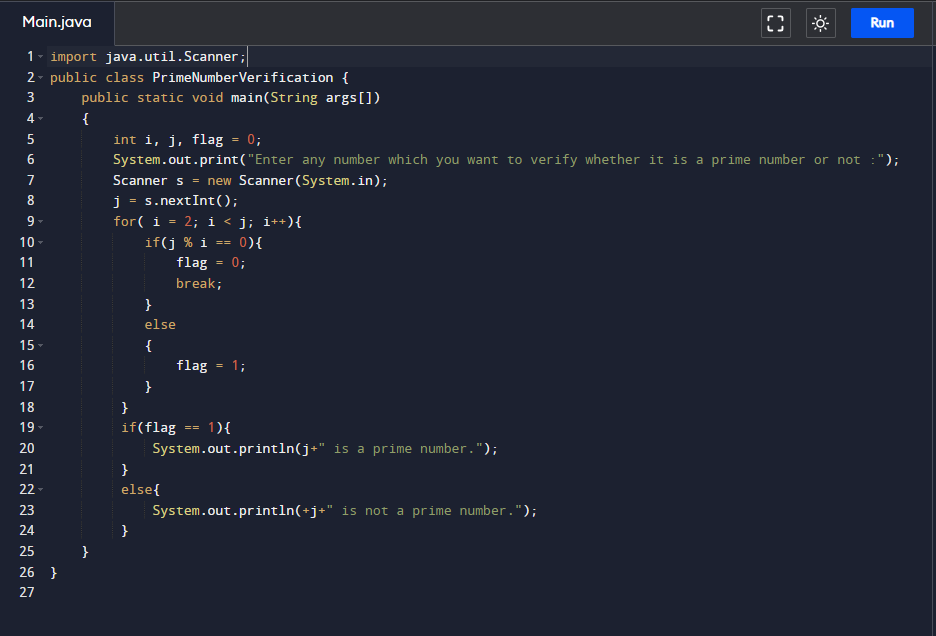
The number which is only divisible by 1 and itself is known as a prime number. For example 2, 3, 5, 7, 11… are prime numbers.



**11. How to display all the prime numbers between 1 and n (n is the number, get the input from user)**

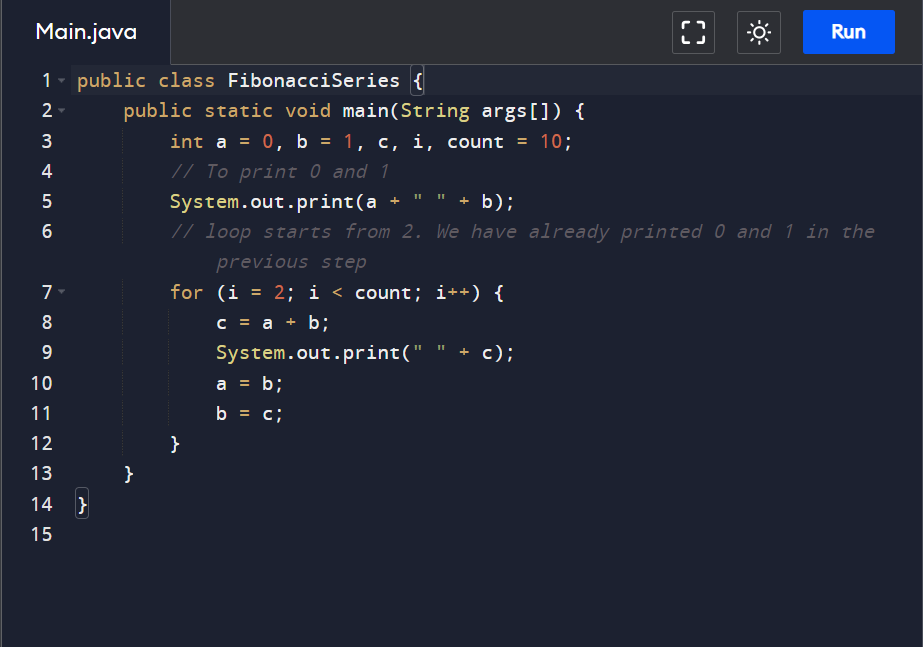


**12. How to find the given number is a prime number or not by getting input from the user**

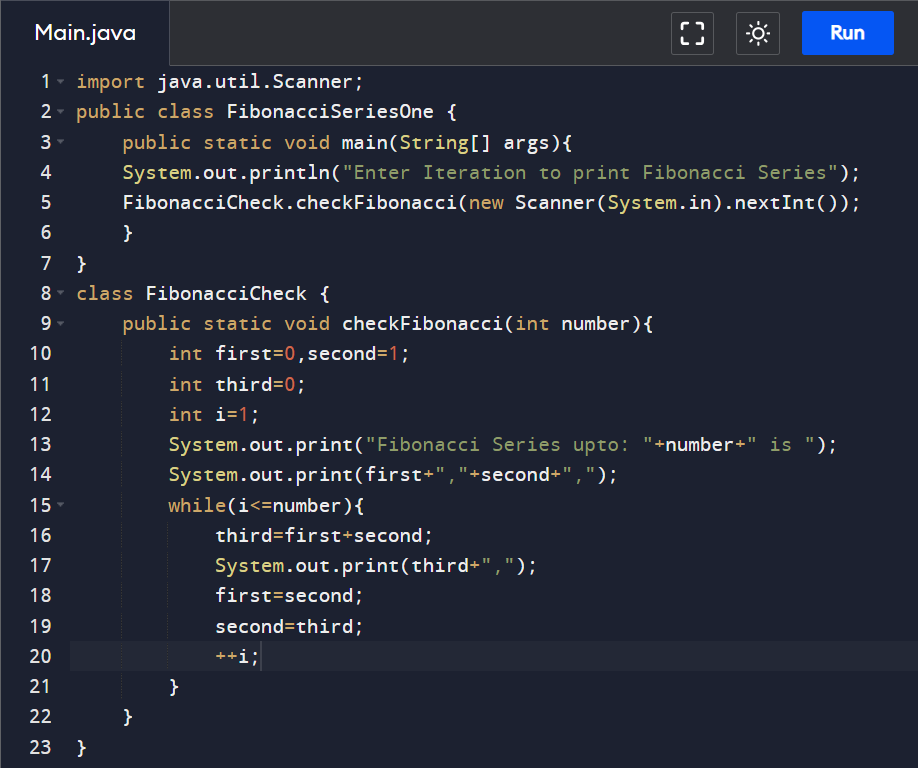


**13. Write a program to print Fibonacci Series**

**Method 1:**



**Method 2:**



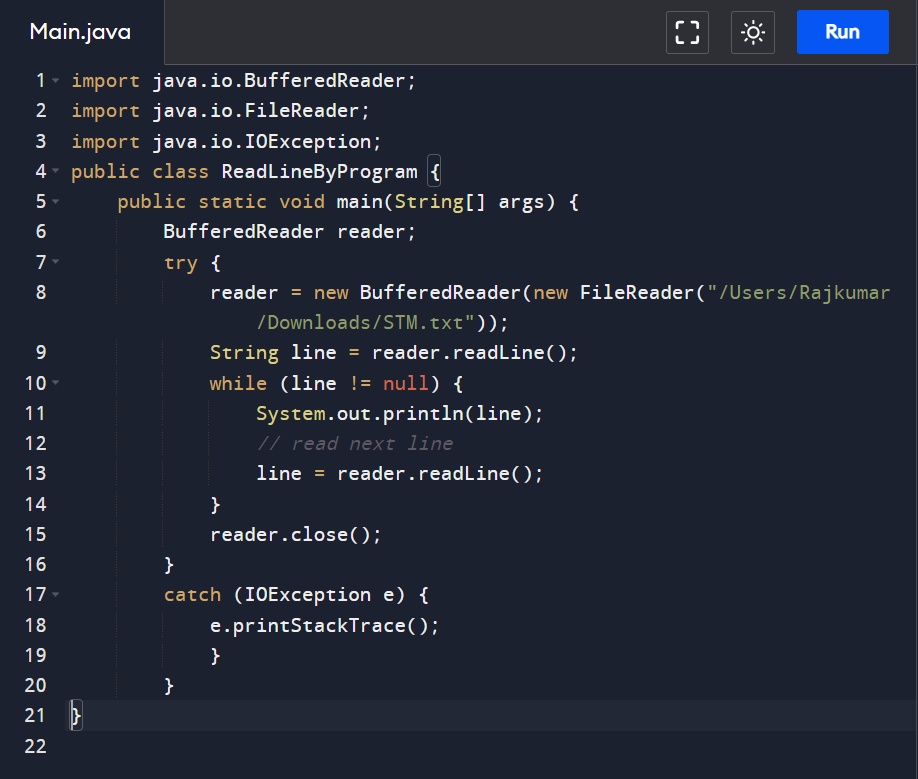
**14. How to read a file line by line in Java?**

We can read a file line by line in Java in two ways.

1.BufferedReaderClass  
2. Scanner Class

**Using BufferedReader Class:**

BufferedReader Class belongs to java.io package and it provides readLine() method to read a file line by line in Java.



**Using Scanner Class:**

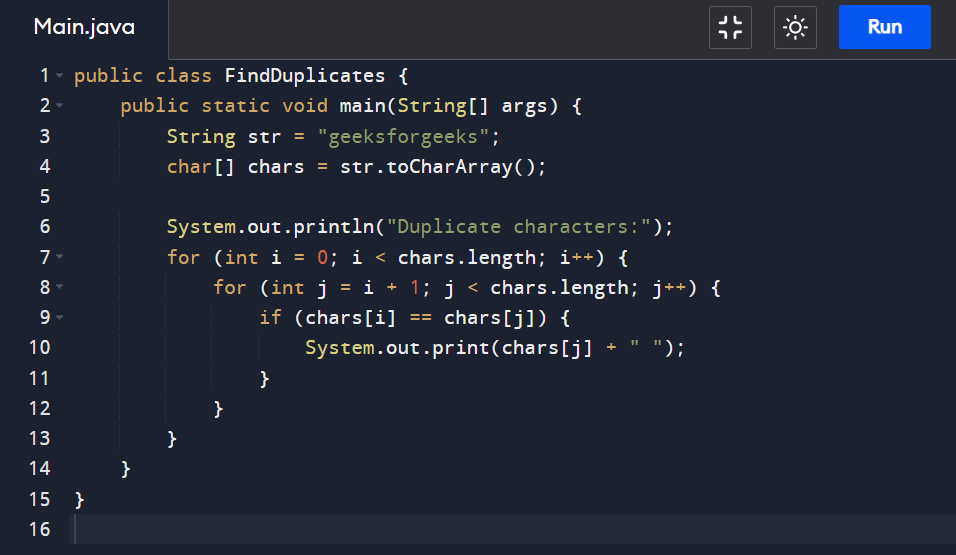
Java Scanner class provides the nextLine() method to facilitates line by line of file’s content.



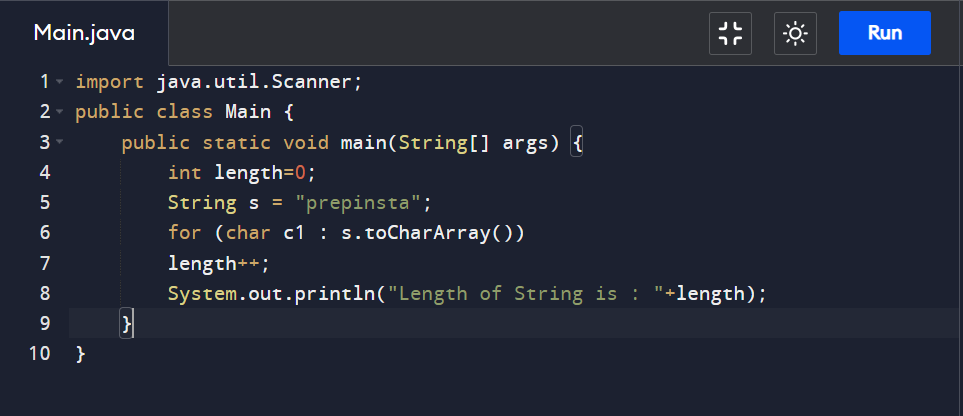
**15. Swap string without 3rd variable?**



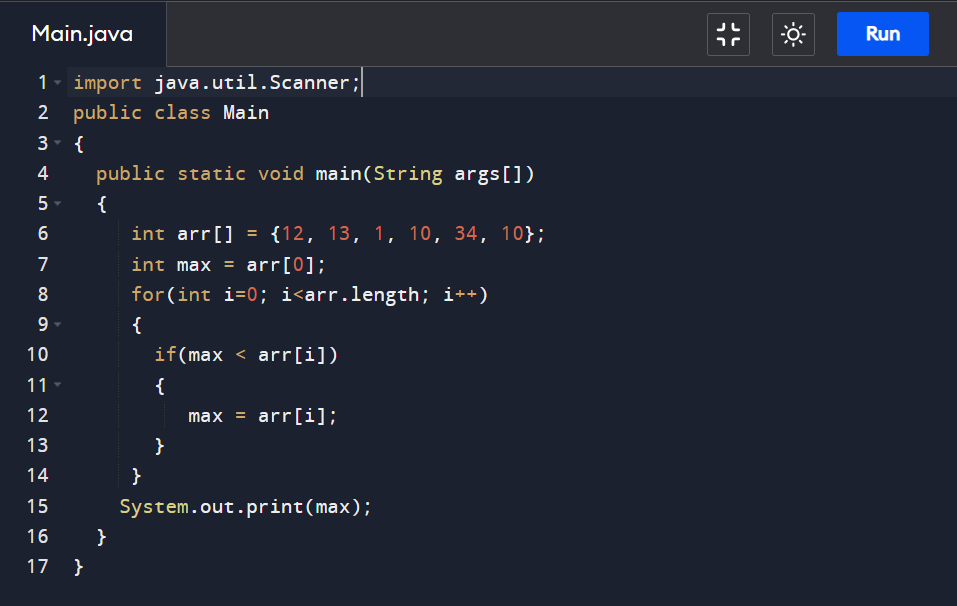
### 16.Duplicates in a String?



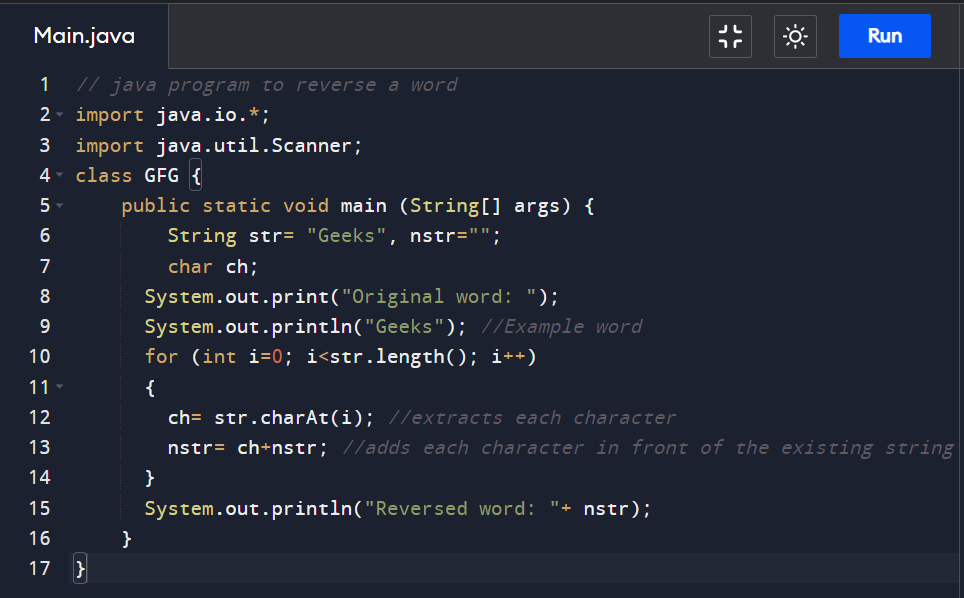
### 17. How to find the length of the string without using length?



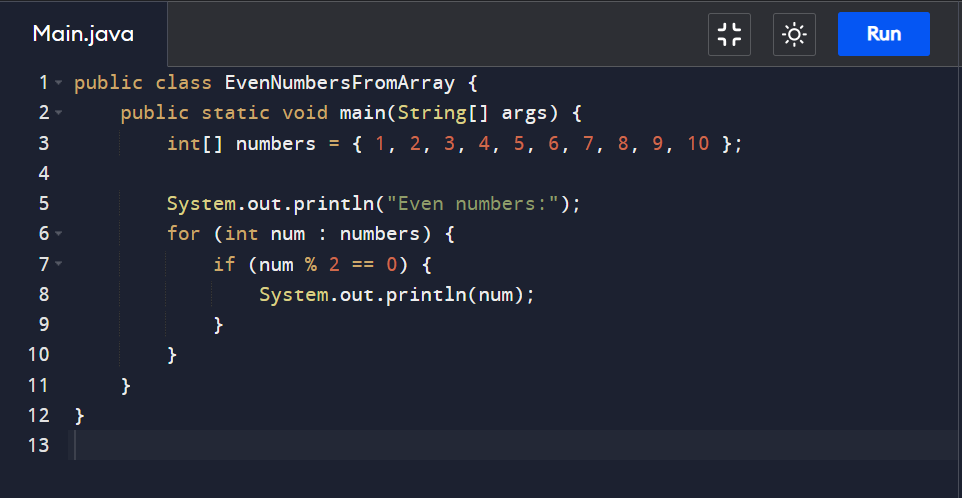
### 18.Largest number in an Array



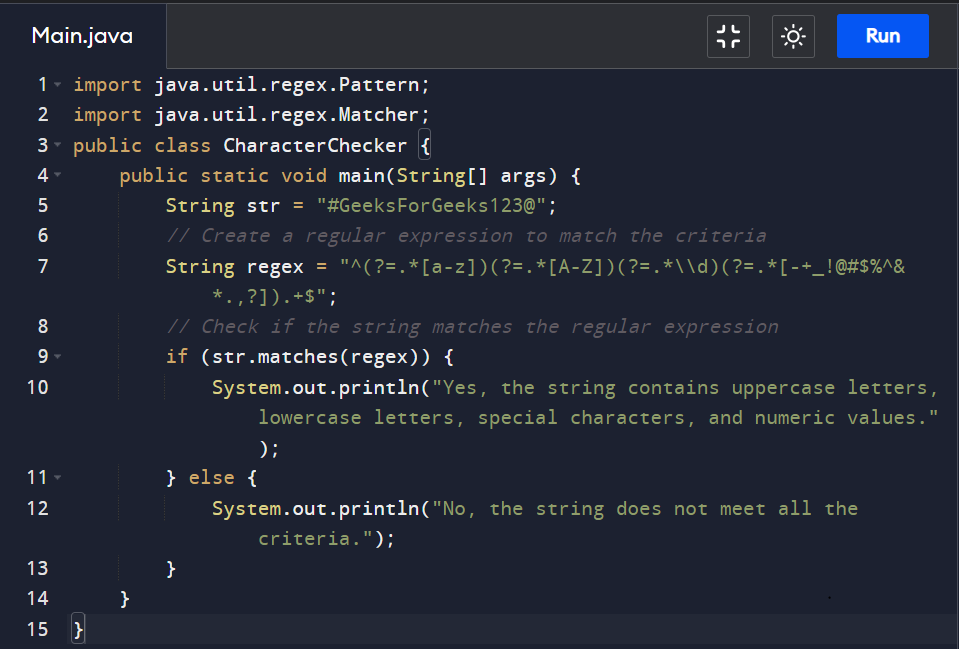
### 19.Reverse a string without using reverse function



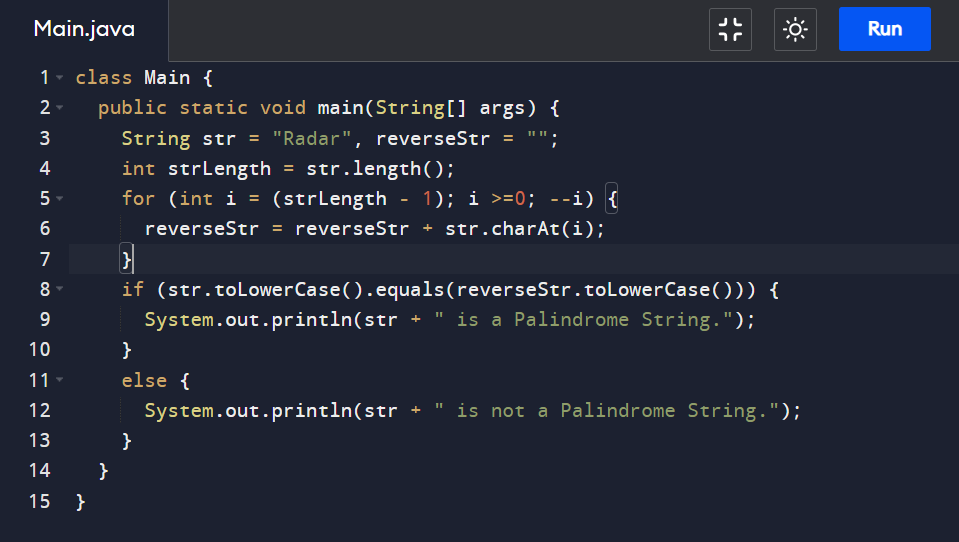
### 20. Write code to print only the even numbers from an array.



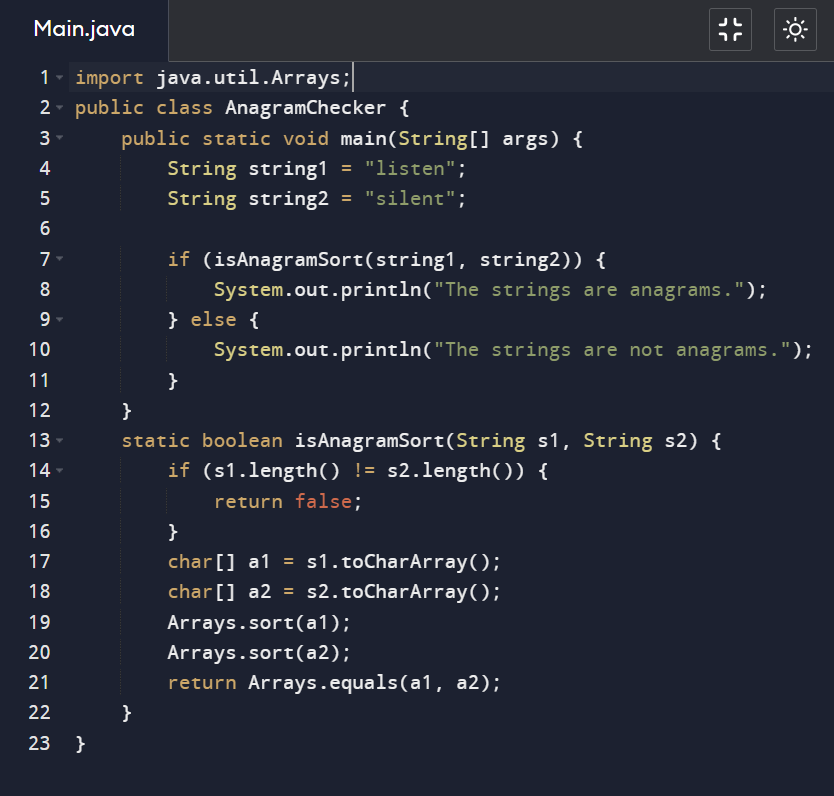
### 21. Write code to find special character, number, capital and small letter in a given string.



### 21. Write code to check if a number is palindrome?



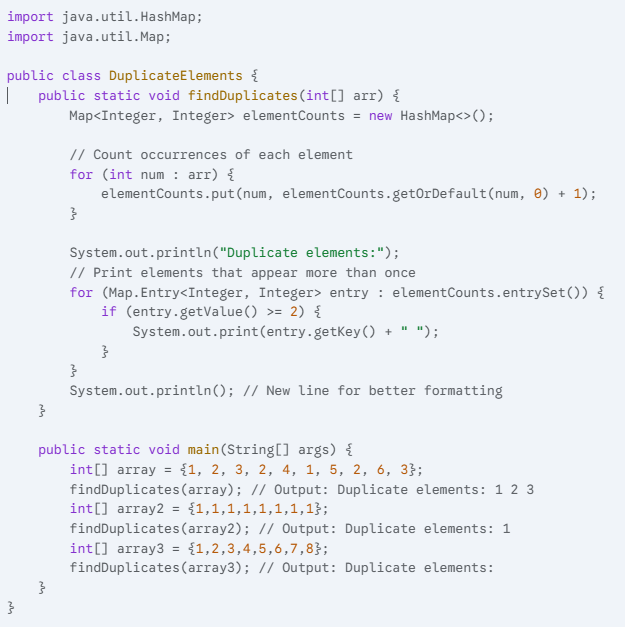
### 22. Write a Java code to identify, if the pair of strings are an Anagram or not



23. Write a java code for factorial of a Number using recursive method ?

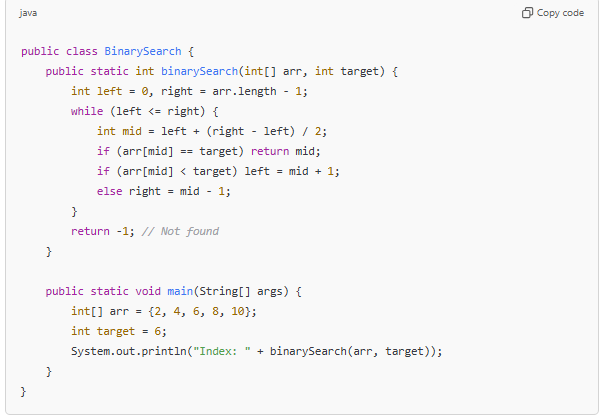


### 24. Write Java code to print all the array elements that appear at least 2 times (meaning 2 or greater than two).

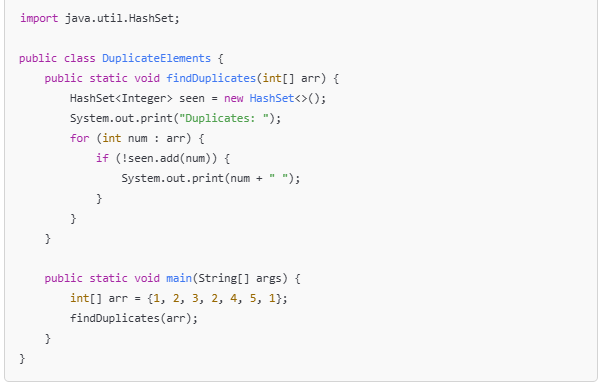




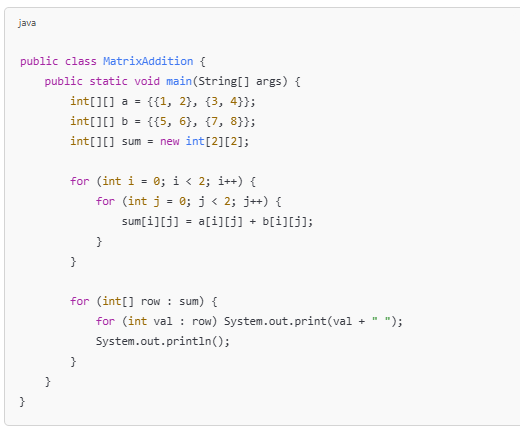
### 25. Binary Search: Implementing a binary search algorithm



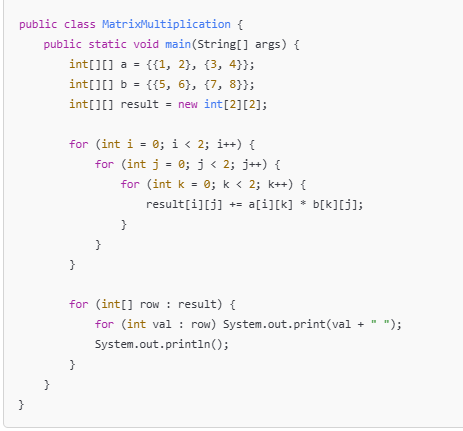
### 26. Duplicate Elements in an Array: Finding and Printing Duplicates



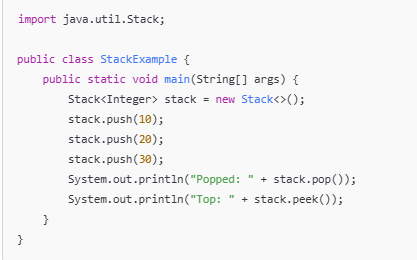
### 27. Matrix Addition



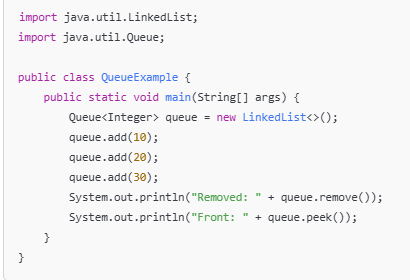
### 28. Matrix Multiplication



### 29. Implement a Stack



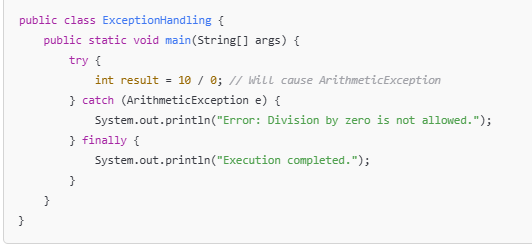
### 30. Implement a Queue



### 31. Inheritance and Polymorphism



### 32. Exception Handling



### 33.FILE I/O



### 34. Multithreading



### 35. Write a program to find the second highest integer in an array.



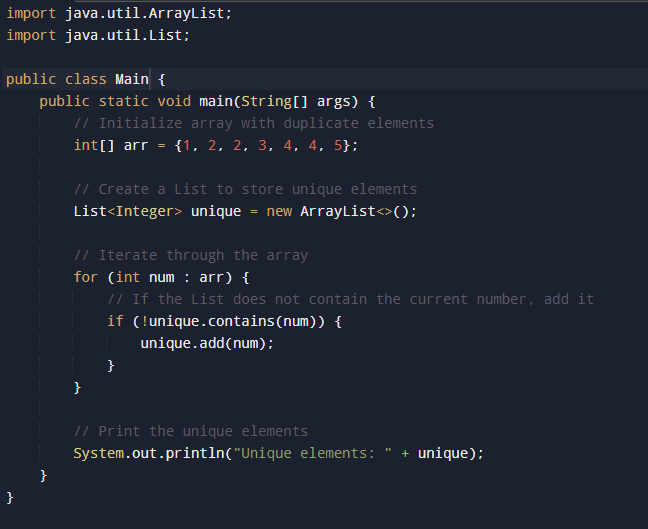
### 36. How can you fetch data from an Excel sheet programmatically?



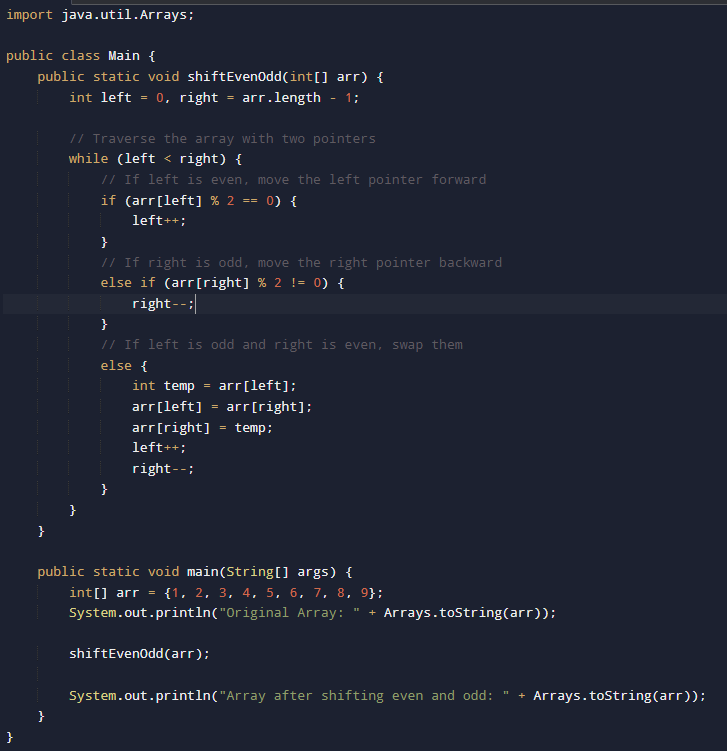
### 37. Write Java code to print all the array elements that appear at least 2 times.



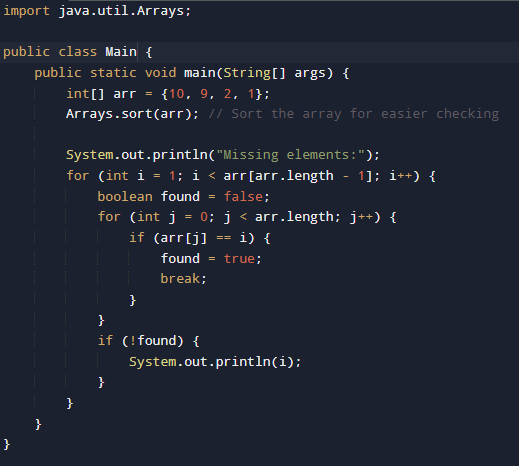
### 38. Write Java code to remove duplicate elements from an array without using HashMap



### 39. Shift all even numbers to the left side of the array and odd numbers to the right side.



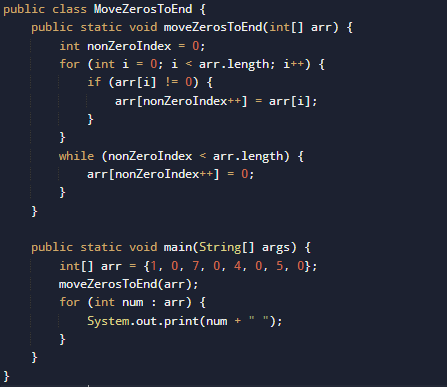
### 40. Initialize the array and find the missing letters (10, 9, 2, 1) and print:



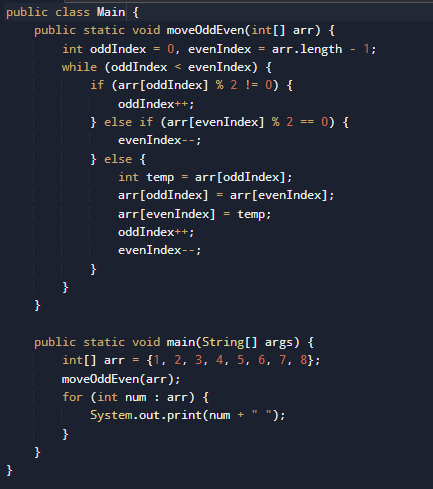
### 41. Write a Program to Sort a List of Employee Objects by Name and Salary



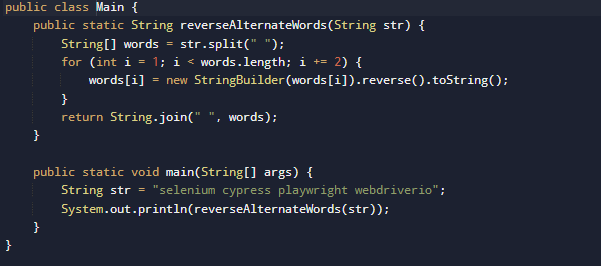
### 42. ****Move all zeros in an array to the end****



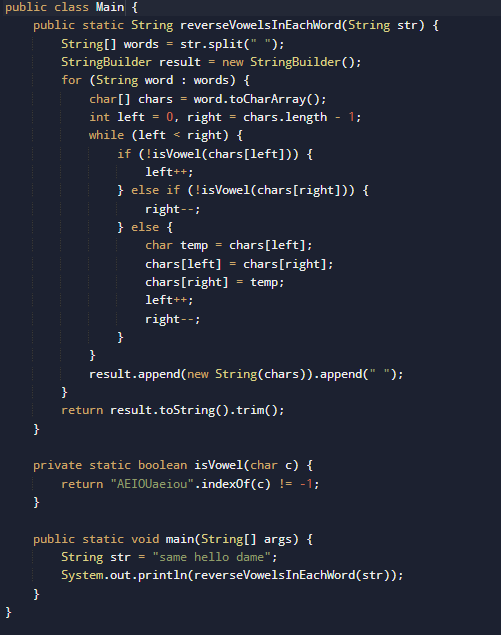
### ****43. Move all odd numbers to the front and even numbers to the end in an array.****



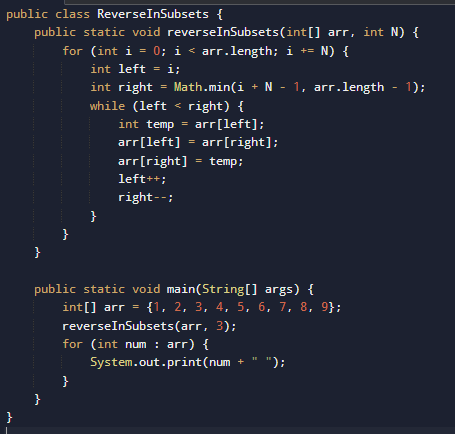
### ****44. Reverse alternate words in a given string.****



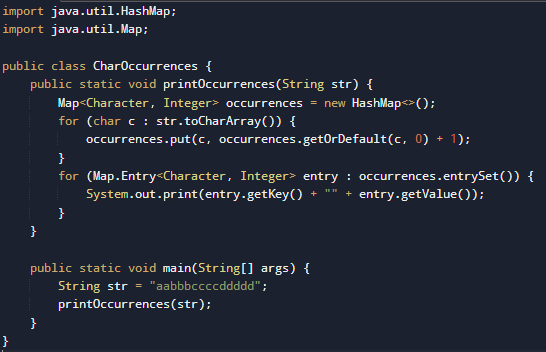
### ****45. Reverse the vowels in each word of a given string.****



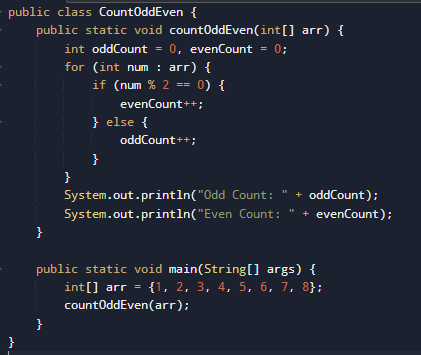
### ****46. Reverse an array in subsets of size N.****



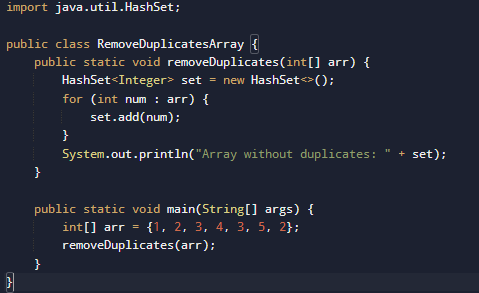
### ****47. Print characters with their occurrence in a given string.****



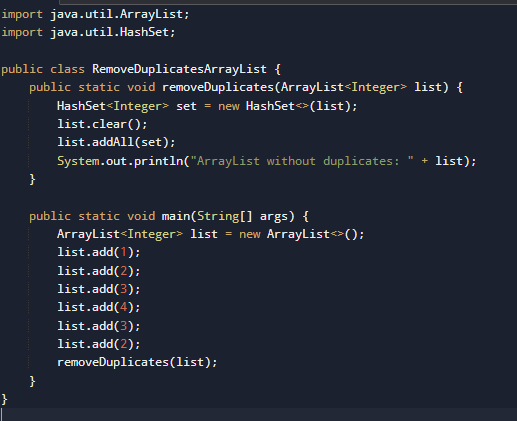
### ****4.8. Count Odd & Even Numbers in an Array****



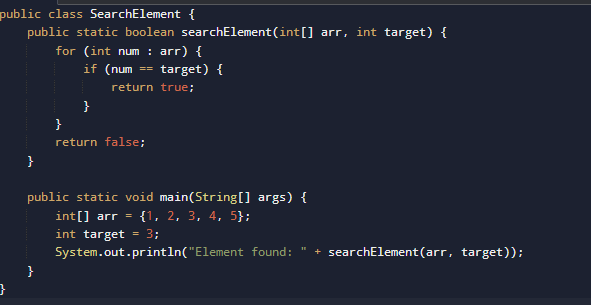
### ****49. Remove Duplicates in an Array****



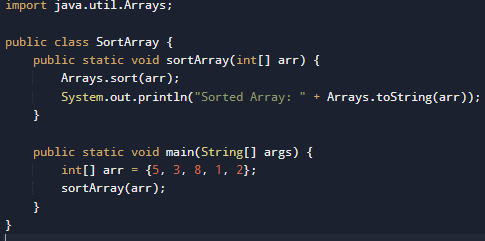
### ****50. Remove Duplicates from ArrayList****



### ****51. Search an Element in an Array****



### ****52. Sort an Array****



### 