1. program to print array elements in reverse order
2. program to print array elements at odd position
3. program to print smallest number in an array
4. program to print sum of all the array elements
5. program to print sum of all even position of the array elements
6. Find largest Array element ex: [1,6,7,8,3,4] o/p - 8
7. Find largest Array element without sorting ex: [1,6,7,8,3,4] o/p - 8
8. find 2nd largest array element with inbuilt sorting method
9. find 2nd largest array element without inbuilt sorting method but using sorting
10. program to copy one array elements to another array
11. Array program to print 2D array
12. program to check whether given 2 arrays are same or not
13. program to find index of array element ex: [1,6,7,8,3,4, 7] value = 7 output:index positions [2, 6]
14. program to find element based on index value ex:[1,6,7,8,3,4,7] index = 3 o/p --> 8
15. program to sort Array elements with sort methods
16. program to sort Array elements without sort methods
17. program for linear search
18. program for binary search
19. program for bubble sort
20. program for Insertion sort
21. program for selection sort
22. Merge sort
23. Quick sort
24. program to print array element in descending order
25. program to find frequency of each element in an array
26. Sort elements in Descending order
27. Program to get 2nd largest number without changing array element position
28. Swapping 2 values ex: a= 10, b = 20 output a = 20, b = 10
29. reverse of a number ex: 123 ouput 321
30. Armstrong number

Explantion:

ex:

input:153

Output: Yes

Explanation: 153 is an Armstrong number, 1\*1\*1 + 5\*5\*5 + 3\*3\*3 = 153

Input: 120

Output: No

Explanation: 120 is not a Armstrong number, 1\*1\*1 + 2\*2\*2 + 0\*0\*0 = 9

Input: 1253

Output: No

Explanation: 1253 is not a Armstrong Number, 1\*1\*1\*1 + 2\*2\*2\*2 + 5\*5\*5\*5 + 3\*3\*3\*3 = 723

Input: 1634

Output: Yes

Explanation: 1\*1\*1\*1 + 6\*6\*6\*6 + 3\*3\*3\*3 + 4\*4\*4\*4 = 1634

1. sum of given number ex: 123 output : 1+2+3 = 6
2. given string is Isomorphic?
3. Given String is palindrome?
4. Print reverse a String type1? Ex: Hello world o/p: dlrow olleH
5. Print reverse a String type2? Ex: Hello world o/p: olleH dlrow
6. Remove duplicates from the given String?
7. Print each character count in the given String?
8. Print 1st unique character from the given string.
9. Valid Bracket problem?

Ex: [{()}] o/p: true

[]{}() o/p : true

[{)}(] o/p: false

1. Find the Index of the First Occurrence in a String

Ex: A = “Hello” B = “HelloWorldHello” o/p: 0

1. Find the length of the last word.
2. Fizz Buzz problem?
3. Check if String contains all capital letters:

Ex: HELLO o/p: true, HelLo : false

1. Jewels and Stones problem
2. Maximum Number of Balloons

EX: Given a string text, you want to use the characters of text to form as many instances of the word **"balloon"** as possible.

Ex: **Input:** text = "nlaebolko"

**Output:** 1

**Input:** text = "loonbalxballpoon"

**Output:** 2

**Input:** text = "leetcode"

**Output:** 0

1. Ransom Notes problem
2. Check if the Sentence Is Pangram

Ex: A **pangram** is a sentence where every letter of the English alphabet appears at least once.

Given a string sentence containing only lowercase English letters, returntrue*if*sentence*is a****pangram****, or*false*otherwise.*

Ex: **Input:** sentence = "thequickbrownfoxjumpsoverthelazydog"

**Output:** true

**Explanation:** sentence contains at least one of every letter of the English alphabet.

Ex: **Input:** sentence = "leetcode"

**Output:** false

1. Sort the People code

**Example 1:**

**Input:** names = ["Mary","John","Emma"], heights = [180,165,170]

**Output:** ["Mary","Emma","John"]

**Explanation:** Mary is the tallest, followed by Emma and John.

**Example 2:**

**Input:** names = ["Alice","Bob","Bob"], heights = [155,185,150]

**Output:** ["Bob","Alice","Bob"]

**Explanation:** The first Bob is the tallest, followed by Alice and the second Bob.

1. Check given number is prime or not.
2. Print up to n number prime number.
3. Print fibonocii series
4. Uncommon Words from Two Sentences

**Example 1:**

**Input:** s1 = "this apple is sweet", s2 = "this apple is sour"

**Output:** ["sweet","sour"]

**Explanation:**

The word "sweet" appears only in s1, while the word "sour" appears only in s2.

**Example 2:**

**Input:** s1 = "apple apple", s2 = "banana"

**Output:** ["banana"]

Number series:

1. Write a program in Java to display the first 10 terms of the following series:

Ex: 10,20,30,40……

1. Write a program in Java to display the first 10 terms of the following series:

Ex: 1,4,9,16……

1. Write a program in Java to display the first 10 terms of the following series:

Ex: 1,2,4,7,11,…

1. Write a program in Java to display the first 20 terms of the following series:

Ex: 3,6,12,24,48……

1. Write a program in Java to display the first 10 terms of the following series:

Ex: 3,6,9,12…..

1. Write a program in Java to display the first 10 terms of the following series:

Ex: 4,8,12,16,…….

1. Write a program in Java to display the first 10 terms of the following series:

Ex: 1.5,3.0,4.5,6.0,….

1. Write a program in Java to display the first 10 terms of the following series:

Ex: 8,88,888,8888…….

1. Write a program in Java to display the first 10 terms of the following series:

Ex: 1,4,9,16,25…..

1. Write a program in Java to display the first 10 terms of the following series:

Ex: 2,5,10,17,….

1. Write a program in Java to display the first 10 terms of the following series:

Ex: 1,9,25,49,……

1. Write a program in Java to display the first 10 terms of the following series:

Ex: 0, 1, 2, 3, 6, …

1. Sum of the given series

Ex: 1 + 4 + 9 + …… + 400

1. Write a program in Java to display the first 10 terms of the following series:

Ex: 1,12,123,1234….

**Java 8 Problems:**

1. find the count of each string in the given sentence.
2. Find the key based on value from Hashmap
3. Fetch 1st unique character from the string
4. Fetch 1st unique number from the given list of numbers
5. Remove duplicates from the string
6. Print unique values from the string.
7. Get list of Address based on city value.
8. Get list of students from each departments.
9. Convert List of student to Hashmap with key as Id(Integer value)
10. Print only Names who’s employee salary is greater than 10000 from the list of Employee object.
11. Problem on flatMap vs map
12. Sort the student list based on Name?
13. Sort the student list based on Name and age?
14. Print 2nd largest salary of an employee from the list of employees
15. Print last 5 highest ages of Student names without duplicates from the list of Student.
16. Find the 1st duplicate element from the String
17. Find the 1st duplicate element from the list of String.
18. Sort the list in reverse order.
19. Sum and Average of all the elements in the list
20. Palindrome of String
21. Sum of All digits in a number
22. Fibonocii Series
23. Last element of an Array after Sorting
24. Sort the list of String in increasing order of their length.
25. Merge two unsorted array into single sorted array by removing duplicates