# ISTA Intern Preparation Materials

# Exercise 1 - BASIC QUESTIONS

1) Get the three sides of a triangle and check if it is equilateral, isosceles or scalene.

2) Get the month and year and print the number of days in that month

3) Reverse of a number

https://practice.geeksforgeeks.org/problems/reverse-digit0316/1?page=1&difficulty[]=-2&sortBy=submissions

4) Series GP

https://practice.geeksforgeeks.org/problems/series-gp4646/1?page=4&difficulty[]=-2&difficulty[]=-1&sortBy=submissions

5) Reverse a string and check if it's a palindrome

https://practice.geeksforgeeks.org/problems/palindrome-string0817/1

Palindrome Number - LeetCode

6) Find if a number is an armstrong number :

https://practice.geeksforgeeks.org/problems/armstrong-numbers2727/1?page=1&difficulty[]=-2&sortBy=submissions

7) Search an element in an array
https://practice.geeksforgeeks.org/problems/search-an-element-in-an-array-1587115621/1?page=1&difficulty[]=-1&sortBy=submissions

8) Print n fibonacci terms using iteration and recursion.

Fibonacci Number - LeetCode

9) Given a string, count the number of alphabets in it

https://practice.geeksforgeeks.org/problems/count-alphabets3649/1


10) Check if two strings are anagrams

 https://practice.geeksforgeeks.org/problems/anagram-1587115620/1


11) Reverse an array

https://practice.geeksforgeeks.org/problems/reverse-an-array/0


12) Given an array, find the second largest number

https://practice.geeksforgeeks.org/problems/second-largest3735/1?page=1&difficulty[]=-2&difficulty[]=-1&sortBy=submissions


13) Single number

Single Number - LeetCode


14) Maximum money
https://practice.geeksforgeeks.org/problems/maximum-money2855/1?page=6&difficulty[]=-2&difficulty[]=-1&sortBy=submissions


15) Check if the given elements are in the given range
https://practice.geeksforgeeks.org/problems/elements-in-the-range2834/1?page=7&difficulty[]=-2&difficulty[]=-1&sortBy=submissions


16) Total fine
https://practice.geeksforgeeks.org/problems/find-the-fine4353/1?page=8&difficulty[]=-2&difficulty[]=-1&sortBy=submissions


17) Given an array, find the sum of elements at odd index and elements at even index

https://practice.geeksforgeeks.org/problems/even-odd-sum5450/1