Assignment-4

1. Leetcode Binary Search based Problems:
    a. https://leetcode.com/problems/divide-two-integers
    b. https://leetcode.com/problems/powx-n
    c. https://leetcode.com/problems/sqrtx
    d. https://leetcode.com/problems/search-in-rotated-sorted-array
    e. https://leetcode.com/problems/search-a-2d-matrix
    f. https://leetcode.com/problems/search-a-2d-matrix-ii
    g. https://leetcode.com/problems/koko-eating-bananas
    h. https://leetcode.com/problems/find-minimum-in-rotated-sorted-array
    i. https://leetcode.com/problems/capacity-to-ship-packages-within-d-days
    j. https://www.spoj.com/problems/AGGRCOW/
    k. https://leetcode.com/problems/magnetic-force-between-two-balls
    l. https://leetcode.com/problems/find-the-smallest-divisor-given-a-threshold
    m. https://www.interviewbit.com/problems/painters-partition-problem/
    n. https://leetcode.com/problems/minimum-speed-to-arrive-on-time
    o. https://leetcode.com/problems/minimum-number-of-days-to-make-m-bouquets
    p. https://leetcode.com/problems/median-of-two-sorted-arrays
    q. https://leetcode.com/problems/egg-drop-with-2-eggs-and-n-floors
    r. https://leetcode.com/problems/super-egg-drop