## **Binary Search**

- 1. Peak Index in a Mountain Array.
- 2. Search peak in rotated sorted array.
- 3. Square root of an integer.
- 4. K-Diff pairs in an array.
- 5. Find K closest elements.
- 6. Book allocation problem.
- 7. Painter's Partition problem.
- 8. Aggressive Cows.
- 9. Exponential and unbounded binary search.