**DSA QUESTIONS TYPE**

**Subsequence:**

1. **Longest consecutive subsequence in an unorder array: Or Longest chain of consecutive element ex: 100,4,200,2,3,1 output : 1,2,3,4 (4)**

**Subarray:**

1. **Longest length of subarray having 0 sum:**
2. **Longest Sub-Array with Sum K**
3. **Max continuous sum**
4. **Subarray sum max and return the array index**

**Pair:**

1. **Minimum/maximum distance between equal pair**
2. **Maximum absolute difference |A[i]-A[j] |+ |i-j|**

**0-1**

1. **Array contains 0 and 1 we can flip only 1 time subarray return the longest flip subarray index:**
2. **Array contains 0 and 1 we can flip atmost B times find the length of longest 1’s.**

**ANSWERS:**

**Subsequence**

1. **HashSet**

**Subarray**

1. **HashMap**
2. **HashMap contains prefix and index**
3. **Kaden’s**

**0-1**

1. **Kaden’s**
2. **2 pointer – sliding window**