Top 20+
Most Asked Problems
in Product Based
Companies from

STRINGS







#### **Non Repeating Character Easy** (Microsoft) (Amazon) (Flipkart) DE Shaw Goldman Sachs (InfoEdge) MakeMyTrip **Parenthesis Checker Easy** Flipkart ) Adobe ) ( Oracle Amazon Google Walmart Microsoft Oyo Snapdeal Reverse words in a given **Easy** string Cisco MakeMyTrip Amazon Accolite Adobe Microsoft ) (Samsung Goldman Sachs **Anagram Easy** Google Nagarro Media.net Directi Adobe Flipkart **Palindrome String** Easy Cisco DE-Shaw **Amazon** Morgan Stanley Facebook Zoho Paytm

#### Permutations of given string ( **Medium** Cisco Accolite OYO ) (Snapdeal Amazon ) Microsoft ) Walmart Zoho ( Samsung Factorials of large numbers **Medium** BrowserStack Adobe **Philips** Microsoft ) Samsung MakeMyTrip Morgan Stanley **Print Anagrams Together Medium** (Microsoft) (Snapdeal Morgan Stanley Amazon **DE-Shaw** Reverse each word in a Medium given string ( Flipkart **MAQ Software** Adobe ) Amazon Payu Microsoft **PayTM** Zoho First non-repeating **Medium** character in a stream Yahoo Adobe **Factset** Amazon Microsoft Payu Flipkart Yahoo

# **Alien Dictionary**

Hard

Hard

Google

Amazon

(Flipkart) (Microsoft

Walmart )

OYO

# **Smallest window in a string** containing all the characters of another string

Amazon

Google

( MakeMyTrip )

Atlassian

## Find all possible palindromic ( partitions of a String

Facebook (Amazon

Microsoft

# **Distinct palindromic** substrings

Hard

MakeMyTrip )

Linkedin

Ola

### **Longest valid Parentheses**

Hard

Microsoft (Google

# Must do Problems from Striver SDE Sheet

- Reverse Words in a String
- Longest Palindrome in a string
- ➤ Longest Common Prefix
- Rabin Karp
- > **Z-Function**
- KMP algo / LPS(pi) array
- Check for Anagrams
- Count and Say
- Compare version numbers