

# Pre-Read

## Problem Solving - If Else



# Things I should know before attending today's class

We deal with many problems where we have to face different conditions and take decisions based on them. Conditional Statements are specifically built on top of that. Conditional Statements can be used to execute tasks based on some specific criteria. In this session, we will deal with different problems based on the If else block.

## What are Conditional statements?

Condition statements are used to decide the flow of execution based on specified conditions within a block of code. In Java, we have below variations of conditional statements -

- If else block
- If else if ladder

## What will we be doing in this session?

We will be solving data structures and algorithms problems based on If else and will deep dive into various approaches and will discuss about the time and space complexity for each of the problems

- Voting Age
- Increasing or Decreasing Order
- Largest among Three Numbers
- Grading System
- Minimum Lectures to achieve 75%
- Quadratic Equation