



**SYNTAX**  
TECHNOLOGIES

JAVA

Class 4

# Agenda

Nested if

Scanner Class in Java

# Nested if condition

A nested if statement is an if-else statement within another if or else block

```
int age=26;

if (age<18) {

    System.out.println("You are teenager, please don't work");
}else {
    System.out.println("You are older than 18");

    if(age<64) {
        System.out.println("you are eligible to work");
    }else {
        System.out.println("enjoy your life");
    }
}
```

# Scanner Class

The Scanner class is used to get user input, and it is found in the java.util package.

The Scanner class is used for reading in primitive data types like int, double, float, etc., and objects of type String.

- To read strings, we use `nextLine()` or `next()`
- To read number values, we use `nextInt()`
- To read decimal values, we use `nextDouble()`
- To read a single character, we use `next().charAt(0)`

```
Scanner myScanner=new Scanner(System.in);  
System.out.println("Please enter your name");  
String name=myScanner.next();  
System.out.println("Your name is "+name);
```

<terminated> C1NestedIf [Java Application] C:\Program Files\Ji

Please enter your name

John

Your name is John