

# Day 09 – if / if-else / else-if (Full Program)

This PDF contains a complete Java program with multiple if, if-else and else-if examples. You can compile and run this program directly.

```
class Day09_IfElseExamples {

    public static void main(String[] args) {

        int age = 18;
        if (age >= 18) {
            System.out.println("1. Eligible to vote");
        }

        int num = 5;
        if (num % 2 == 0) {
            System.out.println("2. Even number");
        } else {
            System.out.println("2. Odd number");
        }

        int n = -4;
        if (n >= 0) {
            System.out.println("3. Positive number");
        } else {
            System.out.println("3. Negative number");
        }

        int marks = 45;
        if (marks >= 33) {
            System.out.println("4. Pass");
        } else {
            System.out.println("4. Fail");
        }

        int a = 10, b = 20;
        if (a > b) {
            System.out.println("5. Greater number is: " + a);
        } else {
            System.out.println("5. Greater number is: " + b);
        }

        int year = 2024;
        if (year % 4 == 0) {
            System.out.println("6. Leap Year");
        } else {
            System.out.println("6. Not a Leap Year");
        }

        int m = 82;
        if (m >= 90) {
            System.out.println("7. Grade A");
        } else if (m >= 75) {
            System.out.println("7. Grade B");
        } else if (m >= 60) {
            System.out.println("7. Grade C");
        } else {
            System.out.println("7. Fail");
        }

        int x = 0;
```

```
if (x == 0) {
    System.out.println("8. Number is Zero");
} else {
    System.out.println("8. Number is Non-Zero");
}

int drivingAge = 20;
if (drivingAge >= 18) {
    System.out.println("9. Eligible for Driving");
} else {
    System.out.println("9. Not Eligible for Driving");
}

int p = 5, q = 8, r = 3;
if (p > q && p > r) {
    System.out.println("10. Largest number is: " + p);
} else if (q > r) {
    System.out.println("10. Largest number is: " + q);
} else {
    System.out.println("10. Largest number is: " + r);
}

char ch = 'a';
if (ch == 'a' || ch == 'e' || ch == 'i' || ch == 'o' || ch == 'u') {
    System.out.println("11. Vowel");
} else {
    System.out.println("11. Consonant");
}

int d = 25;
if (d % 5 == 0) {
    System.out.println("12. Divisible by 5");
} else {
    System.out.println("12. Not Divisible by 5");
}
}
```