

DAY1

19/08/2025

```
import java.util.Scanner;
class if_statement {
public static void main(String[] args) {
int age;
System.out.println("Enter your age :");
Scanner in = new Scanner(System.in);
age = in.nextInt();
if(age >= 18) {
System.out.println("You are eligible for Vote");
}
}
}
```

Sample Output:

Enter your age :

20

You are eligible for Vote

2.

```
public class NestedIf {
public static void main(String[] args) {
int x = 30;
int y = 10;
if (x > y) {
System.out.println("x is greater than y");

if (x > 20) {
System.out.println("x is also greater than 20");
} else {
System.out.println("x is not greater than 20");
}
} else if (x < y) {
System.out.println("x is less than y");
} else {
System.out.println("x is equal to y");
}
}
}
```

3.

```
import java.util.Scanner;
class Insurance {
public static void main(String[] args) {
Scanner in = new Scanner(System.in);
System.out.println("Enter the Marital status (M/U):");
char Marital = in.next().charAt(0);

if (Marital == 'u' || Marital == 'U') {
System.out.println("Enter the Gender (M/F):");
char Gender = in.next().charAt(0);
System.out.println("Enter the Age:");
int Age = in.nextInt();

if ((Gender == 'M' || Gender == 'm') && Age >= 30) {
System.out.println("You are Eligible for Insurance");
}
```

```
} else if ((Gender == 'F' || Gender == 'f') && Age >= 25) {  
System.out.println("You are Eligible for Insurance");  
} else {  
System.out.println("You are not Eligible for insurance");  
}  
} else if (Marital == 'm' || Marital == 'M') {  
System.out.println("You are Eligible for Insurance");  
} else {  
System.out.println("Invalid Input");  
}  
}
```