

## // If Statements

```
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 :

21

You are eligible for Vote

## //Nested If Statements

```
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");

}

}

}
```

Output:

x is greater than y

x is also greater than 20

## //Insurance Eligibility Example:

```
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");

}

}

}

```

output:

Enter the Marital status (M/U):

u

Enter the Gender (M/F):

m

Enter the Age:

25

You are not Eligible for insurance

Enter the Marital status (M/U):

M

You are Eligible for Insurance