

# A Company provides insurance to its employee according to given criteria:

- If the employee is married
- If the employee is Unmarried, male and age about 35 y
- If the employee is Unmarried, female, and age is about 30

In all other case insurance is not given. WAD to accept age, gender and Marital Status from the user and checks whether the user is eligible for insurance or Not.

```
import java.util.Scanner;
```

```
public class Main
```

```
{
```

```
    public static void main (String[] args)
```

```
    {
```

```
        Scanner S = new Scanner(System.in);
```

```
        System.out.println("Enter your age");
```

```
        int a = S.nextInt();
```

```
        System.out.println("Enter your gender");
```

```
        String b = S.next();
```

```
        System.out.println("Enter your Marital Status");
```

```
        String c = S.next();
```

```
        if (c.equalsIgnoreCase("married"))
```

```
        {
```

```
            System.out.println("you are eligible");
```

```
        }
```

```
        else if (c.equalsIgnoreCase("Unmarried") && b.equalsIgnoreCase("male") && a >= 35)
```

```
        {
```

```
            System.out.println("you are eligible");
```

```
        }
```

```
        else if (c.equalsIgnoreCase("Unmarried") && b.equalsIgnoreCase("female") && a >= 30)
```

```
        {
```

```
            System.out.println("you are eligible");
```

```
        }
```

else

{

System.out.println("Sorry, you are not eligible");

}

}

}

## Switch Statement :-

### Syntax 1 :

Switch (Var\_Name)

{

Case value 1 :

==

break;

Case value 2 :

==

break;

default :

==

}

\* var only data type → byte, short, int, char, String

# WAP to accept a month Number from the user and display the name of the Season in which the month fall according to the table

Month No.	Season Name
11, 12, 1, 2	Winter
3, 4, 5, 6	Summer
7, 8, 9, 10	Rainy
Any other opp	wrong Input

```
import java.util.Scanner
```

```
public class Main
```

```
{  
    public static void main(String[] args)
```

```
{
```

```
    Scanner S = new Scanner(System.in);
```

```
    System.out.println("Enter month No. from 1 to 12");
```

```
    int a = S.nextInt();
```

```
    if (a == 11 || a == 12 || a == 1 || a == 2)
```

```
        System.out.println("Winter");
```

```
    else if (a == 3 || a == 4 || a == 5 || a == 6)
```

```
        System.out.println("Summer");
```

```
else if ( a == 7 || a == 8 || a == 9 || a == 10)
```

```
System.out.println(" Rainy");
```

```
else
```

```
System.out.println(" Wrong Input");
```

```
}
```

```
}
```

---

Switch:-

```
import java.util.Scanner
```

```
public class Main
```

```
{
```

```
public static void main(String[] args)
```

```
{
```

```
Scanner s = new Scanner(System.in);
```

```
System.out.println(" Enter Month No.");
```

```
int a = s.nextInt();
```

```
Switch (a)
```

```
{
```

```
Case 1:
```

```
Case 2:
```

```
Case 11:
```

```
Case 12:
```

```
System.out.println(" winter");
```

break;

Combine  
Cases ← { Case 3:  
Case 4:  
Case 5:  
Case 6:

System.out.println("Summer");  
break;

Combine  
Cases ← { Case 7:  
Case 8:  
Case 9:  
Case 10:

System.out.println("Rainy");  
break;

default:

System.out.println("Wrong Input");  
break;

}

}