Name of the Course : Java for beginners: Step–by–step hands-on guide to Java

Level : Easy

Tool Stack : Java Basic Programming

Problem Statement : Reaya's teacher has asked her to prepare well for the lesson on seasons.

When her teacher tells a month, she needs to say the season corresponding to that month.

Write a program to solve the above task.

Spring - March to May,

Summer - June to August,

Autumn - September to November and,

Winter - December to February.

Month should be in the range 1 to 12. If not the output should be "Invalid month".

Description : Create main class with read input as month using Scanner class and check month belong to which season and print season name.

**Code:**

**import** java.io.\*;

**import** java.util.Scanner;

**class** Season{

**public** **static** **void** main(String[] args) **throws** IOException{

Scanner sc=**new** Scanner(System.***in***);

System.***out***.println("Enter the month:");

**int** month=sc.nextInt();

**if**(month<1 || month>12)

{

System.***out***.println("Invalid Month");

}

**else**

{

**if**(month>=3 && month<=5)

System.***out***.println("Season:Spring");

**else** **if**(month>=6 && month<=8)

System.***out***.println("Season:Summer");

**else** **if**(month>=9 && month<=11)

System.***out***.println("Season:Autumn");

**else**

System.***out***.println("Season:Winter");

}

}

}

Test Data1

Enter the month:

11

Season: Autumn

Test Data1

Enter the month:

13

Invalid month

Learning outcome: Participant could able to learn how to use the Scanner class to read input and also use of If\_else control statement.