

```

import java.util.*;

public class MyDate {

    private int day;
    private int month;
    private int year;

    public MyDate() {
        this.day = 1;
        this.year = 1990;
        this.month = 1;
    }

    public MyDate(int day, int year, int month) { // Instantiation
        this.day = day;
        this.year = year;
        this.month = month;
    }

    public MyDate(String setMonth, int day, int year) {
        this.day = day;
        this.year = year;
        this.setMonth(setMonth);
    }

    public MyDate(String setMonth) {

        this.day = day;
        this.year = year;
        this.setMonth(setMonth);
    }

    public MyDate(int day, int month) {

        this.day = day;
        this.year = year;
        this.month = month;
    }

    public boolean isBefore(MyDate mdate) {
        boolean check = false;
        if ((mdate.month > this.month) || (mdate.day > this.month) || (mdate.year >
this.year)) {
            check = true;
        }
        else {
            check = false;
        }
        return check;
    }

    public int getDay() {
        return this.day;
    }

    public int getMonth() {
        return this.month;
    }

    public int getYear() {
        return this.year;
    }
}

```

```

    }

    public void setDay(int day) {
        this.day = day;
    }

    public void setMonth(int month) {
        this.month = month;
    }

    public void setYear(int year) {
        this.year = year;
    }

    public void setMonth(String month) { // comparing set sstring to given turned
to int
        switch (month) {
            case "January":
                this.month = 1;
                break;
            case "February":
                this.month = 2;
                break;
            case "March":
                this.month = 3;
                break;
            case "April":
                this.month = 4;
                break;
            case "May":
                this.month = 5;
                break;
            case "June":
                this.month = 6;
                break;
            case "July":
                this.month = 7;
                break;
            case "August":
                this.month = 8;
                break;
            case "September":
                this.month = 9;
                break;
            case "October":
                this.month = 10;
                break;
            case "November":
                this.month = 11;
                break;
            case "December":
                this.month = 12;
                break;
            default:
                break;
        }
    }
}
/*

```

```
+ MyDate() : String
+ MyDate(Month : int, Day : int, Year : int) :String
+ MyDate(Month : String, Day : int, Year : int) :String
+ MyDate(Month : String) :String
+ MyDate(Day : int, Month : int) :String
```

```
+isBefore() : boolean
```

```
+getDay() : int
+getMonth : int
+getyear() : int
+setYear() : int
+setDay(): int
+setMonth : int
+setMonth : String
```

```
*/
```