

```

public class MyDate implements DateInterface
{
    int day;
    int month;
    int year;
    int week;

    //constructor
    public MyDate(int m, int d, int y, int dow)
    {
        day=d;
        month=m;
        year=y;
        week=dow;
    }

    public MyDate() { }
    public int getDay() { return day; }
    public int getDow() { return week; }
    public int getMonth() { return month; }
    public int getYear() { return year; }

    //sets date
    public void set(int m, int d, int y, int dow)
    {
        month=m;
        day=d;
        year=y;
        week=dow;
    }

    public void tomorrow()
    {
        //31 day months
        if(month==1 || month==3 || month==5 || month==7 || month==8 || month==10 ||
month==12)
        {
            day++;
            if(day>31)
            {
                day=1;
                month++;

                if(month>12)
                {
                    month=1;
                    year++;
                }
            }

            week++;
        }
    }
}

```

```

        if (week > 6)
        {
            week = 0;
        }
    }

```

//30 day months

```

else if (month == 4 || month == 6 || month == 9 || month == 11)
{
    day++;
    if (day > 30)
    {
        day = 1;
        month++;
    }

    week++;
    if (week > 6)
    {
        week = 0;
    }
}

```

//february

```

else
{
    day++;
    if (day > 28)
    {
        day = 1;
        month++;
    }

    week++;
    if (week > 6)
    {
        week = 0;
    }
}
}

```

//returns date as a string

```

public String toString()
{

```

//naming days of the week

```

    String []

```

```

    dow = {"Sunday", "Monday", "Tuesday", "Wednesday", "Thursday", "Friday", "Saturday"};

```

//naming months

```

    String []

```

```

    mon = {"January", "February", "March", "April", "May", "June", "July", "August",

```

```
"September","October","November","December"};
```

```
    return dow[week]+" "+mon[month-1]+" "+day+" "+year;  
}
```

```
public void today() { }
```

```
public void yesterday() { }
```

```
}
```