

Homework 3

1. Write a Java program that takes a birthday date (day, month and year) as input and displays whether or not the date falls on a leap year.

Check for the following conditions in your code:

- 1) Date is only valid if the number is between 1 and 31
- 2) Month is only valid if the number is between 1 and 12
- 3) Year has to be a four-digit number

Output:

```
Enter month: 5
Enter day: 30
Enter year: 2008
```

```
5/30/2008 falls on a leap year.
```

Output:

```
Enter month: 4
Enter day: 32
Enter year: 2008
```

```
Invalid entry.
```