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## Class BirthdayFun

```
java.lang.Object
└─ BirthdayFun
```

```
public class BirthdayFun
extends java.lang.Object
```

BirthdayFun accepts a person's name, then numeric birth month and numeric birth day, and numeric today's month and numeric today's day. It then prints a message regarding the time since or until the person's birthday. Birthday is not accurate for leap years. The date checker is stupid.

### Constructor Summary

[BirthdayFun\(\)](#)

### Method Summary

static boolean	<a href="#">checkDate</a> (int month, int day) The checkDate method checks for a valid month and checks for a day between 1 and 31.
static int	<a href="#">dateDifference</a> (int month2, int day2, int month1, int day1) The dateDifference method calculates the number of days between an input date (date 2) and a benchmark date (usually today).
static void	<a href="#">main</a> (java.lang.String[] args) The main program prompts for name and birthday and today and prints results regarding time to/from birthday

### Methods inherited from class java.lang.Object

[clone](#), [equals](#), [finalize](#), [getClass](#), [hashCode](#), [notify](#), [notifyAll](#), [toString](#), [wait](#), [wait](#), [wait](#)

### Constructor Detail

#### BirthdayFun

```
public BirthdayFun()
```

### Method Detail

## main

```
public static void main(java.lang.String[] args)
```

The main program prompts for name and birthday and today and prints results regarding time to/from birthday

**Parameters:**

args - command line arguments (ignored)

---

## checkDate

```
public static boolean checkDate(int month,  
                                  int day)
```

The checkDate method checks for a valid month and checks for a day between 1 and 31. It is a dumb checker!

**Parameters:**

month - input month

day - input day

**Returns:**

true or false answer to "is it a valid date?"

---

## dateDifference

```
public static int dateDifference(int month2,  
                                  int day2,  
                                  int month1,  
                                  int day1)
```

The dateDifference method calculates the number of days between an input date (date 2) and a benchmark date (usually today). If the date has gone by, the result is negative.

**Parameters:**

month2 - input month

day2 - input day

month1 - benchmark month

day1 - benchmark day

**Returns:**

days between date and benchmark, as a signed integer

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