

com.report

# Class ReportBuilder

java.lang.Object  
com.report.ReportBuilder

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

Provides static methods to generate different types of reports.

## Nested Class Summary

### Nested Classes

Modifier and Type	Class and Description
static class	<a href="#">ReportBuilder.ReportType</a> An enumeration denoting the report types available.

## Constructor Summary

### Constructors

Modifier	Constructor and Description
private	<a href="#">ReportBuilder()</a> Private default constructor disallows instantiation.

## Method Summary

### Methods

Modifier and Type	Method and Description
private static void	<a href="#">displayBookingsForMonthReport()</a> Displays the bookings for month report.
private static void	<a href="#">displayFlightHistoryReport(java.lang.String username)</a> Displays the flight history report.
private static void	<a href="#">displayHeader(java.lang.String header_title)</a> Displays the header.
private static void	<a href="#">displayMonthlyFlightStatisticsReport()</a> Displays the monthly flight statistics report.
private static void	<a href="#">displayMonthlyRevenueReport()</a> Displays the monthly financial report.
static void	<a href="#">displayReport(ReportBuilder.ReportType report_type,</a>

	<code>java.lang.String username)</code> Builds and displays the report.
<code>private static void</code>	<code>displayTop5PopularServicesReport()</code> Displays the all time popular services report.
<code>private static java.lang.String</code>	<code>getCurrentDateString()</code> Gets the current date for the report.
<code>private static FlightRevenue</code>	<code>getFlightRevenueForMonth(java.lang.String month, int year, BookingController bc)</code> Gets the Flight revenue based on the given information.
<code>private static FlightStats</code>	<code>getFlightStatsForMonth(java.lang.String month, int year, BookingController bc)</code> Gets the Flight statistics based on the given information.
<code>private static java.util.HashMap</code>	<code>sortByValues(java.util.HashMap map)</code> Code taken from: <a href="http://beginnersbook.com/2013/12/how-to-sort-hashmap-in-java-by-keys-and-values/">http://beginnersbook.com/2013/12/how-to-sort-hashmap-in-java-by-keys-and-values/</a> Allows sorting by values on a HashMap

## Methods inherited from class java.lang.Object

`clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait`

## Constructor Detail

### ReportBuilder

```
private ReportBuilder()
```

Private default constructor disallows instantiation.

## Method Detail

### displayReport

```
public static void displayReport(ReportBuilder.ReportType report_type, java.lang.String username)
```

Builds and displays the report.

#### Parameters:

`report_type` - The report

`username` -

### displayFlightHistoryReport

```
private static void displayFlightHistoryReport(java.lang.String username)
```

Displays the flight history report.

#### Parameters: