

## Simple Date Format Activity

Create a new project **dateFormat** with classes **TotalCalories** and **Main**.

\*Make sure you don't name your class the same as the imported classes DateFormat or SimpleDateFormat.

Use the RentalFee and RentalFeeTest classes from the assignment as models.

In the **Main** class:

- ask the user to enter the amount of calories allowed per day by a diet
- ask the user what date (as mm/dd/yyyy) the diet will start
- ask the user what date (as mm/dd/yyyy) the diet will end
- call the method in the TotalCalories class to get the total calories consumed during the diet time period and print the result.

In the **TotalCalories** class, write a method that:

- takes as parameters
  - the amount of calories per day
  - the start date of the diet
  - the end date of the diet
- calculates the number of days on the diet
- returns how many total calories were consumed over the days of the diet

Submit the zipped project folder to Canvas by the due date.