**package** JAVA\_Project\_275;

**import** java.util.Scanner;

**public** **class** CaloriesNeeded {

**public** **static** **final** **double** ***RECOMMENDED\_CALORIES*** = 2400; // By: Joshua Seymour - Modified By: John A. Castilloux

//Daily recommended calorie in-take

//by www.livingstrong.com

**public** **static** **void** main(String[] args) {

// Variable Declarations

Scanner keyboard = **new** Scanner(System.***in***);

**double** servingCalories;

**double** totalCalories;

String foodType;

String mealName;

// Introduction for user

System.***out***.println("This program accepts a meal name and descriptive "

+ "food type, followed\n" + "by the amount of Calories in one serving. "

+ "It then calculates the total calories\n" + "remaining to be consumed for the day "

+ "for an adult.");

System.***out***.println(" Sample Foods and Meals:\n");

System.***out***.println(" Meal Descriptive Food Type Calories Per Serving");

System.***out***.println(" -------- ------------------- ------------------ ");

System.***out***.println(" Breakfast Eggs 400 ");

System.***out***.println(" Lunch Grilled Cheese Sandwich 600 ");

System.***out***.println(" Dinner Grilled BBQ Chicken 600 ");

System.***out***.println(" Breakfast Bacon 100 ");

System.***out***.println(" Lunch Tomato Soup 200 ");

System.***out***.println(" Lunch Salad 100 ");

System.***out***.println(" Dinner Cheesy Potatoes 300 ");

System.***out***.println(" Dinner Mixed Vegetables 200 ");

System.***out***.println(" Breakfast Milk 150 ");

System.***out***.println(" Lunch Water 0 ");

System.***out***.println(" Dinner Milk 150 ");

// Prompt for and accept user input

System.***out***.print("Please enter the meal name and food type: ");

mealName = keyboard.next();

foodType = keyboard.next();

System.***out***.print("Please enter the amount of Calories in 1 serving:");

servingCalories = keyboard.nextDouble();

// Output spacing

System.***out***.println();

// totalCalories = ( servingCalories - RECOMMENDED\_CALORIES )

totalCalories = (***RECOMMENDED\_CALORIES*** - servingCalories); //answer will produce the remaining

//# of calories for the day

// Output

System.***out***.print("Eating " + foodType + " for " + mealName + " will leave ");

System.***out***.print(totalCalories);

System.***out***.println(" calories remaining for an adult's daily caloric requirement.");

{

}

Scanner YesNo = **new** Scanner(System.***in***); // By: Kaitlyn Damon

//you make a new object of the scanner class and store it in the variable input.

//Identifies whether you exercised today or not.

System.***out***.println("Did you exercise today? Yes or No");

String yesno = YesNo.next();

**if**(yesno.equals("Yes"))

{

System.***out***.println("You have received one point!");

}

**else** **if**(yesno.equals("No"))

{

System.***out***.println("That is okay, but you recieve 0 points! ): ");

}

Scanner sc = **new** Scanner(System.***in***); // By: Kaitlyn Damon - Modified by: John A. Castilloux

System.***out***.println("how many calories did you burn with exercise today?");

**int** burned = sc.nextInt();

**while** (burned <= 0) {

System.***out***.println("You should probably move around more! Come back after you burn some (: ");

burned = sc.nextInt(); // If the user did not burn any calories, he or she will be asked to come back after.

}

System.***out***.println("You have burned " + burned + " calories today!");

System.***out***.println();

// Modified StringDemo.java to make an author page

// By: John A. Castilloux

{

String publication = "Project Calorie Tracker";

String creation = "Created by:";

String name1 = "Joshua Seymour, Project Manager";

String name2 = "John Castilloux";

String name3 = "Kaitlyn Damon";

System.***out***.println(publication);

System.***out***.println(creation);

System.***out***.println(name1);

System.***out***.println(name2);

System.***out***.println(name3);

System.***out***.println();

} // end main

}} // end CalorieTracker