Introduction Document for Week2 DQ1

This project contains two classes:

1. DQ1Application
   1. This class is used to get the number of kilometers to be converted to meters from the user.
   2. Imports javax.swing.JOptionePane, which allows the program to display messages and receive input from the user using dialog boxes.
   3. Contains the following private instance variables:
      1. distanceInMeters, which stores the number as a float, given by the user.
      2. distanceInKm, which stores the number of meters converted to kilometers, as a float. This is done by dividing distanceInMeters by 1000.
      3. metersString, which stores the string representation of distanceInMeters.
      4. kmString, which stores the string representation of distanceInKm.
   4. Contains the following public methods:
      1. displayGreeting(), which displays a welcome message.
      2. getDistanceInMeters(), which asks the user for the number of meters to be converted to km.
      3. displayDistanceInKm(), which displays distance given by the user in kilometers.
   5. Contains the following private method:
      1. convertMeterToKm(), which converts meters into kilometers. This method is used by displayDistanceInKm.
2. DQ1Driver
   1. This class is used to create an instance of the DQ1Application class.
   2. All of the Application’s public class methods are called in the main method.