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\* Justin Mendes

\* October 10, 2016

\* Unit 3 Activity 8 Program/Question 1

\* This program will print out a titled table that can be used to convert ounces to grams, for values from 1 to 15 ounces. (1 ounce = 28.35 grams)

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import java.text.DecimalFormat;

public class OuncesGrams

{

public static void main(String[] args)

{

//Variable Declaration and Initialization

double grams = 0;

System.out.println("Ounces ==> Grams Conversion Chart");

System.out.println("This program will print out a titled table that can be");

System.out.println("used to convert ounces to grams, for values from 1 to 15 ounces.");

System.out.println("(1 ounce = 28.35 grams)\n");

System.out.println("Ounces\t\t" + "Grams");

DecimalFormat twoDigit = new DecimalFormat ("#,##0.00");

for(int i = 1; i <= 15; i++)

{

grams += 28.35;

System.out.println(i + "\t\t" + twoDigit.format(grams));

}//end loop

}//end main

}//end class