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\* 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

