import java.text.DecimalFormat;

/\*

\* Justin Mendes

\* Unit 3 Activity 5 Program/Question 2

\* This program calculates the amount of debt burden in Canada 2008-2010

\*/

public class debtburden

{

public static void main(String[] args)

{

//Variable Declarations and Initializations

double debt1 = 0, debt2 = 0, debt3= 0;

debt1=481.5 \* 0.97

debt2=debt1 \* 0.97

debt3=debt2 \* 0.97

DecimalFormat oneDigit = new DecimalFormat ("#,##0.0");

System.out.println("Canada's debt burden in 2007 was $481.5 billion dollars.");

System.out.println("However, the Canadian government hopes to reduce this debt by 3% per year.\n");

System.out.println("This means that the debt burden in 2008 will be " + oneDigit.format(debt1) + " billion dollars.");

System.out.println("The debt burden would further reduce to " + oneDigit.format(debt2) + " billion dollars in 2009.");

System.out.println("Again the debt burden would reduce in 2010 to become " + oneDigit.format(debt3) + " billion dollars.");

}//end main

}//end class